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CATALOGUE  
OF THE  
COLEOPTERA OF SCOTLAND

PRINTED BY WILLIAM BLACKWOOD AND SONS, EDINBURGH.

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# CATALOGUE

OF THE

## COLEOPTERA OF SCOTLAND

BY

ANDREW MURRAY

OF CONLAND, W.S.

MEMBER OF THE ROYAL PHYSICAL SOCIETY OF EDINBURGH,  
OF THE ENTOMOLOGICAL SOCIETY OF FRANCE,  
ETC.

AIDED BY

THE REV. WILLIAM LITTLE, MESSIEURS JAMES HARDY,  
ROBT. HISLOP, JOHN T. SYME, DR W. H. LOWE,  
AND OTHER SCOTTISH ENTOMOLOGISTS.

WILLIAM BLACKWOOD AND SONS  
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## P R E F A C E.

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THE following Catalogue has been undertaken, not solely with the view of recording some additions to the Insect Fauna of Scotland, but also with the intention of correcting the synonymy of some of the species which have been established on the authority of our great British Entomological authors, where subsequent investigations have shown that species have been improperly multiplied, or new names given to species already described. I have also wished to do something towards making our British Entomologists more familiar than they are with the names generally in use on the Continent. For these reasons I have made the following list a Synonymic Catalogue.

I have adopted the arrangement of Redtenbacher, and I have done so notwithstanding some doubts of my own as to its superiority over Latreille's, partly in deference to the opinion which appears to be now generally entertained that it is the most natural, and partly because it comes nearest to that first developed and adopted by our own Stephens, and which is consequently already most in use in this country.

As regards the synonymy of Continental authors, I have followed Gaubil's catalogue, unless in one or two instances where I had reason to suppose he was in error. As to the synonymy of species described by Mr Stephens, I have had the very great advantage of the free use of my friend Mr Little's

valuable cabinet, which, with few exceptions, had passed through the hands of Mr Stephens, and been almost entirely named by him. I had thus the advantage (second only to the use of Mr Stephens' own specimens) of examining what I may call types of his species. The distance of my place of residence from London rendered it impossible to avail myself with effect of the well-known liberality with which Mr Stephens gave access to his collection : and in estimating the value of any opinion expressed in the following pages upon the synonymy of any of his species, it must be borne in mind that I proceed upon nothing further than the testimony of species named by him ; and that, although in many instances I saw numerous series so named, I have not always found the whole of the series to consist of the same insect.

I have further availed myself of Dr Schaum's two valuable papers on the synonymy of Mr Stephens' species of Geodephaga and Hydrocantharidæ, published in the *Annals of Natural History* and *Zoologist*, and of Mr Walton's papers on the Curculionidæ in the *Annals of Natural History*. I have also been benefited by M. Jacquelin Duval's paper on the genus *Bembidium*, published in the *Annals of the Entomological Society of France*, and by his kindness in comparing my own specimens, and favouring me with his remarks upon them. To M. Aubé, Paris, I owe similar thanks for having compared and authentically named my specimens of *Cereyon*, *Anisotoma*, *Atomaria*, and other minute and difficult genera ; also to M. Jekel, Paris, for having performed a similar good office to my *Apions* ; and to Professor Lacordaire of Liege, for having solved some doubts I had upon some of the *Chrysomelidæ*. I have received similar kindness from Mr Wilson Saunders and Mr Jansen, Mr White of the British Museum, and Mr Walton of London ; and I owe much to the good offices of M. Javet of Paris. I need not make similar acknowledgments for the information derived from the works of Mulsant, Heer, Redtenbacher, and others ; these are public property.

The whole of the Scottish Entomologists with whom I was acquainted, and several with whom I had no previous acquaintance, cordially aided me in making my list as complete as possible, by communicating to me their several captures. I owe special thanks to the Rev. William Little, Kirkpatrick-Juxta, Dumfriesshire, and to Mr Hardy, Penmanshiel, East Lothian,—the latter of whom was kind enough to undertake almost entirely for me the family of the Staphylinidæ, to which (of the Coleoptera) he has more particularly directed his attention; and that family will be found to show marks of the care and accuracy for which he is remarkable.

I have had the list of species found near Edinburgh made much more complete than it had previously been, by the information communicated by Dr Greville, and his son, Mr R. N. Greville, Dr Lowe, Balgreen, Mr R. F. Logan, Duddingston, and Dr Howden, Musselburgh.

My information as to the insects from Lanarkshire and the neighbourhood of Glasgow has been almost wholly received from Mr Hislop, now at Blairlodge, near Falkirk, but formerly resident in Glasgow, who was aided in his investigations in the west by Mr John Gray, and Dr Colquhoun. Mr Morris Young, Paisley, has also contributed notices of some valuable captures in his neighbourhood. Mr Hardy and Mr Hislop have added much to the list of species found in Berwickshire. East Lothian has also been thoroughly examined by Mr Hardy, a work in which he has been well aided by Mr Archibald Hepburn, near Whittingham. The Aberdeenshire localities likewise were mostly furnished by Mr Hardy.

Mr John T. Syme, now in London, Professor Fleming, of the Free Church College, Edinburgh, Mr George A. Coventry, younger of Shanwell, and myself, have more particularly worked out Fife, Perth, Kinross, and Clackmannan; and our knowledge of the insects of the eastern part of the first of these counties has been increased by the examination of a large collection made at St Andrews by Mr Harry Goodsir, one of the surgeons

of the unfortunate expedition under Franklin, which his brother, Professor Goodsir, of the University of Edinburgh, kindly intrusted to me for examination. Mr John T. Syme has also examined the Orkneys and the Island of Mull, the latter of which places has likewise been gone over by Mr Hislop and myself.

My information as to Sutherland and Ross-shire has been principally derived from Mr James Wilson of Woodville, one of the authors of the *Entomologia Edinensis*, and from Mr Horsburgh, Tongue House, and Mr Andrew Young, Bonar Bridge, Sutherland, who have been kind enough to cause collections to be made for me.

To Mr Weaver of Birmingham, and Dr Nelson of Lytham, I owe the knowledge of some interesting novelties taken in their researches in the Black forest, Rannoch.

Forfarshire has been most investigated by Dr Greville and myself; and Dumfriesshire has been made entirely his own by the Rev. Mr Little, to whom it will be seen we owe a very large proportion of the rarer Scottish captures.

In the Catalogue I have appended the name of the captors of the insect to those species which have only been taken by one or two persons. I have not, in every instance, had the opportunity of making sure, by personal inspection, that species communicated to me are authentic, but in most instances I have done so; and where I have not, the collector whose name is appended stands responsible for its correctness.

EDINBURGH, 7 NELSON STREET,  
April 1853.

# CATALOGUE

OF

## SCOTTISH COLEOPTERA.

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### FAMILY CICINDELIDÆ.

CICINDELA *Lin.*

- C. CAMPESTRIS *Lin. Steph.* Occasional throughout Scotland.  
 C. HYBRIDA *Lin. Steph.*  
     var. *maritima Dej. Steph.* "Scotland." *Stephen's Manual.*
- 

### FAMILY CARABIDÆ.

ELAPHRUS *Fab.*

- E. CUPREUS *Duft. Steph.* Common on banks of lakes, &c.  
     *uliginosus Gyll. (not Fab. Steph.)*  
 E. RIPARIUS *Fab. Steph.* Common.  
 E. LAPPONICUS *Gyll. Steph.* Catlaw and Clova mountains in Forfarshire—running among the grass in boggy places. Miss Lyell.  
     St Kilda. Mr J. M. Gillivray.  
                     *Edin. Phil. Jour.*

BLETHISA *Bon.*

- B. MULTIPUNCTATA *Lin. Steph.* Occasional on margins of lakes throughout Scotland.

PELOPHILA *Dej.*

- P. BOREALIS *Fab.*  
 Var. *Arctica Schönh.* Taken in the Mainland of Orkney  
*Dejeanii Gebler.* in considerable numbers.  
 Mr J. T. Syme.

NOTIOPHILUS *Dumeril.*

- N. AQUATICUS *Lin. Steph.* Common.  
 N. SEMIPUNCTATUS *Fab.* Common.  
 Var. *biguttatus Fab. Steph.*

NEBRIA *Lat. Bonelli.*HELOBIA *Leach, Steph.*

- N. BREVICOLLIS *Fab. Steph.* Common everywhere.  
 Var. *lata Newm. Steph.*  
 Var. *varicornis Newm. Steph.*

- N. NIVALIS *Payk. Steph.* Common.

*Balbi Bon.*  
*impressa Newm. Steph.*  
 Var. *Gyllenhalii Curt. Steph.*

*Æthiops Steph.*

- Var. { *Marshallana Steph.* Very plentiful under stones on tops  
*hyperborea Gyll.* of mountains.  
*arctica Dej.*

LEISTUS *Fröhl.*

- L. FULVIBARBIS *Hoffm. Dej.*  
*Steph.* Not rare.

- L. PRÆUSTUS *Fab.* Not rare.  
*rufescens Fab. Dej. Steph.*  
*terminatus Panz. Dej.*

- L. SPINILABRIS *Fab. Steph.* Not uncommon at Pressmenan,  
*rufescens Clair. Duft.* Lammermuir Hills. On birch and  
 (not *Steph.*) oak.  
*brunneus Marsh.* Mr Arch. Hepburn.

CYCHRUS *Fab.*

- C. ROSTRATUS* *Lin. Steph.* Occasional. Generally distributed.

CARABUS *Lin.*

- |  |  |
|--|--|
| C. CATENULATUS <i>Fab. Steph.</i>                                      | Common.  |
| C. MONILIS <i>Fab. Steph.</i>  | Near Edinburgh. Granton.<br>Sir P. Walker. Mr R. Logan.  |
| C. ARVENSIS <i>Fab. Steph.</i>   | Not very common.   |
| C. CANCELLATUS <i>Ill. Steph.</i><br><i>granulatus Fab. (not Lin.)</i> | Not rare.  |
| C. CLATHRATUS <i>Fab. Steph.</i>                                       | Clova mountains, Forfarsh.; Sutherlandshire. Sparingly in South of Scotland; abundant in Mull, Hebrides, &c. |
| C. NITENS <i>Lin. Steph.</i>   | Scarce; but generally distributed in the mountainous parts of Scotland. More plentiful in the north.         |
| C. GLABRATUS <i>Fab. Steph.</i>  | North of Scotland. Not common.   |
| C. VIOLACEUS <i>Lin. Steph.</i>  | Occasional throughout Scotland.  |
| C. HORTENSIS <i>Fab. Dej.</i><br><i>nemoralis Müller, Steph.</i>       | Common in spring everywhere.   |

CYMINDIS *Lat. Dej.*

TARUS *Clair. Steph.*

- C. BASALIS *Gyll. Steph.* Under stones, on tops of high hills  
*punctata Bon. Dej.* throughout Scotland.  
*humeralis Pk. (not Fab.*  
*Steph.)*

DROMIUS *Bon.*

- |   |  |
|---|--|
| D. AGILIS <i>Fab. Steph.</i><br>truncatus <i>Fab.</i>   | Under bark. Generally distributed.   |
| D. GLABRATUS <i>Duft. Steph.</i>  | Cramond. Rare. Rev. W. Little.   |
| D. QUADRIMACULATUS <i>Panz.</i><br><i>Steph.</i>  | Under bark. Common.  |
| D. QUADRINOTATUS <i>Duft. Steph.</i>  | Under bark of fir-trees, near Edinb.   |
| D. FASCIATUS <i>Fab. Dej. Steph.</i>  | Under stones. Salisbury Craigs,<br>Edinburgh; Berwickshire; East-<br>Lothian; Fifeshire, &c. |
| D. LINEARIS <i>Bon. Oliv. Steph.</i><br>punctatostriatus <i>Duft.</i><br>præsta <i>Stevens.</i> | Throughout Scotland.   |

- D. FOVEOLUS *Gyll. Steph.* Dry upland pastures. Arthur Seat;  
*punctatellus Duft. Dej.* Berwickshire, &c.  
*truncatellus Lat. (not Lin. Fab.)*

- D. TRUNCATELLUS *Lin. Steph.* Cramond. Rev. W. Little.

LEBIA *Lat.*

LAMPRIAS *Bon. Steph.*

- L. CHLOROCEPHALA *Ent. Heft. Steph.* Scarce. Lairig, in Sutherlandshire;  
 Berwickshire; near Paisley; Braid  
 Hills, near Edinburgh.

- L. CRUX-MINOR *Lin. Fab. var.  $\beta$*  Beaten off a sallow near Luss, south  
 end of Loch Lomond. Mr R. Logan.

MISCODERA *Esch. Steph.*

LEIOCHITON *Curt.*

- M. ARCTICA *Ph. Steph.* On tops of high hills throughout  
 Scotland.

CLIVINA *Lat.*

- C. FOSSOR *Lin. Steph.* Common.  
*Var. sanguinea Leach.* Rare.  
 C. COLLARIS *Herbst, Steph.* Not uncommon.

DYSCHIRIUS *Pz.*

- D. AENEUS *Zieg. Steph.* Occasional.  
*pusillus Steph.*  
*aeratus Hal. Steph.*  
*thoracicus Ill. Steph.*  
*tristis Steph.*
- D. NITIDUS *Dej. Steph.* Dollar. Raehills, Dumfriessh.  
*thoracicus Oliv. (not Steph.)* Mr J. T. Syme. Rev. W. Little.
- D. GIBBUS *Fab. Panz. Steph.* Occasional.  
*globosus Herbst.*  
*minimus Ahrens, Steph.*  
*remotus Marsh.*

LORICERA *Lat.*

- L. PILICORNIS *Fab. Steph.* Common everywhere.

CHLÆNIUS *Bon.*

- C. NIGRICORNIS *Fab. Steph.* Occasional. South of Scotland; Edin-  
 burgh; Perthshire; Lanarkshire.



BADISTER *Clair.*B. BIPUSTULATUS *Fab. Steph.* Occasional.

B. HUMERALIS *Duft.* — (*Tri- Loch Awe.* *Dr Leach. Ent. Edin.*  
*morphus*) *Steph.*  
*sodalis Duft. Sturm.*  
*dorsiger Duft.*  
*confinis Steph.*  
*scapularis Steph.*

PATROBUS *Meg. Dej.*

P. EXCAVATUS *Ph.* Occasional.  
*velox Fab.*  
*rufipes Gyll. Dej. Steph.*

P. SEPTENTRIONIS *Dej. Schon.* Sparingly on Ben Lomond and other  
*alpinus Curt. Steph.* Highland mountains.

SPHODRUS *Clair.*

S. LEUCOPHTHALMUS *Lin. Steph.* South of Scotland. Very rare.  
*planus Fab. Dej.*  
*niger Payk.*

PRISTONYCHUS *Dej.*

P. TERRICOLA *Ill. Dej. Steph.* Occasional in South of Scotland;  
*subcyaneus Ill. Gyll.* more plentiful in Sutherland and  
 Ross shires.

CALATHUS *Bon.*

C. ROTUNDICOLLIS *Dej.* Not very common.  
*piceus Marsh. Steph.*

C. MELANOCEPHALUS *Lin. Steph.* Common everywhere.  
*Var. apicalis Newm. Steph.*

C. CISTELOIDES *Ill. Steph.* Common.

C. FLAVIPES *Ph. Steph.* Guillane Links. *A. Murray.*  
*crocopus Hoffm. Steph.*  
*fuscus Steph. (not Fab.)*

C. FUSCUS *Fab. (not Steph.)* Common.  
*rufangulus Steph.*  
*ambiguus Ph.*

C. OCHROPTERUS *Duft.* Sandy sea-shores. Not rare.  
*mollis Marsh. Steph.*

C. MICROPTERUS *Duft. Steph.* Forfarshire, Aberdeenshire, Perth-  
*microcephalus Dej.* shire, &c. *Mr James Wilson. Ent. Edin.*  
*glabripennis Sturm.* Musselburgh Links. *Rev. W. Little.*  
*melanocephalus var.  $\beta$  Gyll.*



A. PICIPES *Dej. Erich. Steph.* Not rare.

OLISTHOPUS *Dej.*

O. ROTUNDATUS *Ph. Steph.* Not rare.  
*rotundicollis Steph. (Odon-*  
*tonyx Steph.)*

PÆCILUS *Bon.*

P. CUPREUS *Lin. Steph.* Common.  
*Var. rufifemoratus Steph.*  
*Var. versicolor Sturm,*  
*Steph.* Not uncommon.

P. LEPIDUS *Fab. Steph.* Tollcross, near Glasgow. Mr Hislop.

ARGUTOR *Meg.*

A. STRENUUS *Ill. Panz.* Near Paisley. Mr M. Young.  
*pullus Gyll. Dej. (not Steph.)*  
*diligens Steph.*

A. PYGMÆUS *Sturm, Erich.* Rare.  
*strenuus Dej. Steph.*  
*pullus Steph.*  
*interstinctus Steph.*  
*Var. erythropus Marsh.*  
*Steph.* Common.

A. VERNALIS *Dej. Steph.* Occasional in Galloway and Dum-  
*rufomarginatus Curt. Steph.* friessh. Rarer towards the North.

OMASEUS *Ziegler.*

FERONIA *Dej.*

O. NIGRITA *Fab. Steph.* Common.  
*rufifemoratus Steph.*

O. ORINOMUM *Leach, Steph.* Found sparingly in the south, east,  
*Bulwerii Steph.* and north of Scotland; more plen-  
 tiful in the west and among the  
 Isles.

O. MELANARIUS *Ill. Steph.* Abundant.  
*affinis Steph.*

STEROPUS *Meg.*

FERONIA *Dej.*

S. MADIDUS *Fab. Steph.* Very common.

S. ÆTHIOPS *Panz. Steph.* Not common. West of Scotland.

PLATYSMA *Bon.*FERONIA *Dej.*P. NIGER *Fab. Steph.* Common.ABAX *Bon.*FERONIA *Dej.*A. STRIOLA *Fab. Steph.* Occasional throughout Scotland, but  
not common.BROSCUS *Panz.*CEPHALOTES, *Bon. Dej.*B. CEPHALOTES *Lin. Steph.* Common on sandy sea-coasts.  
*vulgaris Bon.*STOMIS *Clair. Dej.*S. PUMICATUS *Panz. Dej. Steph.* Occasional.AMARA *Bon.*(PERCOSIA *Zimmer.*)A. PATRICIA *Creutz.* Border of a heath in Berwickshire ;  
*marginata Curt.* very rare. Mr James Hardy.(CELIA *Zimmer.*)A. BIFRONS *Gyll. Steph.* Forfarshire, Berwickshire.  
*discrepans Marsh.*(AMARA *Zimmer.*)A. PLEBEIA *Gyll. Dej.* Near Edinburgh, East Lothian ;  
(not *Steph.*) Whittingham.  
*nitida Steph.*A. COMMUNIS *Fab. Steph.* Occasional.  
*similata Gyll. Dej. Steph.*  
*montivaga Sturm.*A. OBSOLETA *Duft. Dej. Steph.* Raehills. Rev. W. Little.  
*pratensis Sturm.*  
*ovata Fab. Steph.*  
*ingenua Steph. (not Erich.)*  
*subaenea Steph. (not Erich.)*

- A. ACUMINATA *Payk, Sturm.* Common.  
*eurynota Ill. Dej. Steph.*  
*vulgaris Fab.*  
 Var. *ærata Kirby, Steph.*
- A. TRIVIALIS *Gyll. Dej. Steph.* Common.  
*atra Steph.*
- A. SPRETA *Zimmer. Dej. Steph.* Fifeshire. A. Murray.
- A. VULGARIS *Lin. Dej. Steph.* Occasional.
- A. ÆNEA (*Meg.*) Common.  
*communis Dej. Sturm.*  
*rufiventris Germar.*  
*obtusa Steph.*  
*latescens Steph.*  
*convexior Steph.*  
*plebeia Steph.*  
 Var. *atrocærulea (Meg.)*  
*Steph.*  
 — *atrata Heer.*  
 — *alpicola Heer.*  
*ferrea Sturm.*
- A. FAMILIARIS *Duft. Dej. Steph.* Common.  
*lævis Sturm, Steph.*  
*lucida Duft. Steph.*  
*cursor Sturm, Steph.*  
*vulgaris Müll. var. β Sch.*
- A. TIBIALIS *Ph. Dej. Steph.* Musselburgh Links.  
 (*BRADYTUS Steph.*)
- A. FERRUGINEA *Lin.* On sandy shores of lakes, &c.  
*fulva Degeer.*  
*pallida Fab.*
- A. APRICARIA *Fab. Steph.* Not rare.  
*torridus Steph.*
- A. CONSULARIS *Duft. Steph.* Occasional.  
*crassus Steph.*  
 (*LEIRUS Meg. Zimmer.*)  
 (*CURTONOTUS Steph.*)
- A. SPINIPES *Lin.* Occasional throughout Scotland.  
*picea Fab.*  
*aulica Ill. Gyll. Dej. Steph.*
- A. CONVEXIUSCULA *Marsh. Dej.*  
*Steph.* Near Edinburgh.

ANISODACTYLUS *Dej.*

- A. BINOTATUS *Fab. Steph.* Common in Mull; occasional near Paisley, and Glasgow.

OPHONUS *Zeigl.*

- O. OBSCURUS *Fab. Steph.* Rachills. Rev. W. Little.  
 O. PUNCTICOLLIS *Payk. Steph.* Near Edinburgh, Berwickshire.  
 O. PUBESCENS *Payk. Steph.* On sea-coasts; near Edinburgh, East Lothian, Dumfries, &c.

HARPALUS *Latreille.*

- H. TARDUS *Ill. Dej. (not Steph.)* Occasional.  
     *rufimanus Marsh. Steph.*  
     *fuliginosus Steph.*  
     *latus Steph.*  
     *lentus Sturm.*  
 H. RUBRIPES *Gyll. Steph.* Occasional; Dollar, Edinr., Fife.  
     *Petisii Steph.*  
     *azureus Steph.*  
     *chloropterus Steph.*  
     *marginellus Steph.*  
     *fulvipes Steph.*  
     *lentus Steph.*  
 H. PUNCTIGER *Steph.* Salisbury Craigs. *Ent. Edin.*  
 H. LIMBATUS *Duft. Steph.* Common.  
     *rufibarbis Fab.*  
     *flaviventris Sturm.*  
 H. ÆNEUS *Fab. Steph.* Common.  
     *Proteus Payk.*  
     *concinuus Steph.*  
     *subcæruleus Steph.*  
 H. RUFICORNIS *Fab. Steph.* Common.  
     *pubescens Müll.*

STENOLOPHIUS (*Meg.*) *Dej.*ACUPALPUS *Lat.*

- S. DORSALIS *Fab. Dej.* Rachills. Near Paisley.  
     *parvulus (Trechus) Steph.* Rev. W. Little. Mr M. Young.  
 S. BRUNNIPES *Duft. Steph.* Near Paisley. East Lothian.  
     *atratus Dej.* Mr M. Young. Mr Hardy.  
     *pallipes Steph.*  
 S. LURIDUS *Dej.* Moffat Hills. Rev. W. Little.  
     *flavicollis Steph. (not Sturm.)*

BRADYCELLUS *Erich.*ACUPALPUS *Dej.*TRECHUS *Clair. Steph.*

- B. COGNATUS *Gyll. Dej.* Near Edinburgh ; Berwickshire ;  
*suturalis Steph.* Renfrewshire.  
*Deutchii Sahlberg.*  
*Alpinus Schön.*
- B. HARPALINUS *Dej.* Near Edinburgh ; East Lothian ;  
*fulvus Steph.* Berwickshire, &c.  
*pallidus Steph.*  
*lapidosus Daws.*
- B. SIMILIS *Erich.* Salisbury Craigs, Moffat Hills, East  
*ruficollis Steph.* Lothian, &c.
- B. COLLARIS *Ph. Steph.* Near Edinburgh ; Berwickshire.

TRECHUS *Clair.*

- T. MICROS *Herbst, Steph.* Berwickshire ; near Falkirk ; near  
*rubens Duft.* Paisley ; Mull ; Glasgow.  
*planatus Duft.*  
*sericeus Fletsch.*  
*crassicornis Sturm.*

- T. MINUTUS *Fab. Erich. Steph.* Abundant.  
*tempestivus Panz.*  
*quadristriatus Gyll.*  
*rubens Clair. Dej.*  
*aquaticus Steph.*  
*fuscipennis Steph.*  
*tristis Steph.*  
*lævis Steph.*

- T. PALUDOSUS (*Blemus, Steph.*) Grampian Hills ; Raehills, very  
*Gyll.* scarce ; occasional, near Paisley ;  
 Berwickshire ; Zetland.

- T. SECALIS *Ph. (Epaphius) Leach* Wet soils in several parts of Ber-  
*testaceus Fab.* wickshire. Mr Hislop. Mr Hardy.

AEPUS *Leach.*

- AE. FULVESCENS *Leach, Steph.* Between the layers of shale below  
 high-water mark on the coasts of  
 East Lothian and Berwick.

- AE. ROBINII *Laboulbène* Similar localities in the Firth of  
 Forth.

BEMBIDIUM *Lat. Dej.*1ST DIVISION. *Dej.*CILLENUM *Leach.*

- B. *LATERALE* *Curtis, Steph.* Shores of the Firth of Forth, near  
*Leachii Dej.* Edinburgh—rare; shores of Clyde  
 at Kilpatrick, in considerable  
 numbers.

3D DIVISION. *Dej.*

*TACHYS (Meg.)*

- B. *RUFESCENS* *Dej.* Near Paisley, common under bark;  
*melanocephalus (Ocys.)* Bothwell.  
*Steph.*  
*tempestivus (Ocys.) Steph.*
- B. *QUINQUESTRIATUM* *Gyll.* Near Edinburgh; Fife; Dollar, &c.  
*Pumilio Duftsch. Dej.*  
*acrocolium Bech.*  
*currens (Ocys.) Steph.*

4TH DIVISION. *Dej.*

*NOTAPHUS Meg. Steph.*

- B. *VARIUM* *Oliv.* Dumfriesshire. *Ent. Edin.*  
*ustulatum Fab. Dej. (not*  
*Lin.) Steph.*  
*obliquus Steph. (not Sturm)*  
*semipunctatus Don.*  
*flammulatus Duft.*  
*bifasciatus Leach, Steph.*  
*nebulosus Steph.*  
*var. fumigatus Steph. Dej.*  
*(not Duft.)*  
*Sturmii Duft.*  
*majus var.  $\beta$ , Gyll.*
- B. *FLAMMULATUM* *Clair.* Banks of Teviot, opposite Minto;  
*undulatum Sturm, Steph.* likewise in Peeblesshire, and near  
*majus Gyll.* Annan. *Ent. Edin.*  
*tinctum Zett.*

5TH DIVISION. *Dej.*

- B. *PALLUDOSUM* *Panz. Steph.* Banks of streams and lakes—local.  
*littorale Oliv. (Elaphrus.)*

6TH DIVISION. *Dej.*

*TACHYPUS Steph. (not Dej.)*

- B. *PUNCTULATUM* *Drap.* Occasional in similar localities.  
*chlorophanum Sturm, Steph.*  
*ærosum Erich.*  
*striatus Duft. Steph. (not Fab.)*
- B. *PALLIDIPENNE* *Ill.* Shore of Loch Leven; coast of Ar-  
*Andreae Gyll. Steph.* gyllshire; Firth of Forth, &c.



- B. BIPUNCTATUM *Lin. Steph.* Not rare on banks of streams, &c.  
*gracile Ramb.*
- 7TH DIVISION. *Dej.*  
 PERYPHUS *Meg. Steph.*
- B. LUNATUM *And. Duft. Steph.* Rare. Raehills; Kilpatrick, Ayr-  
*ustus Steph.* shire; Berwickshire.
- B. USTULATUM *Lin. Jacq: Duv.* Common.  
*littoralis Oliv. Steph.*  
*rupestris Fab. Dej.*  
*tetraspilatus Rudd, Steph.*  
*rupicola Kirby.*  
*Andreae Erich.*
- B. BRUXELLENSE *Wesm.* Not rare.  
*femoratum Gyll.*  
*obscurum Redt.*
- B. FEMORATUM *Sturm. Dej.* Rare. Raehills; Dumfriesshire;  
*Steph.* near Paisley.  
*ustulatus Oliv.*  
*concinus Steph.? (not Putz.)*
- B. SAXATILE *Gyll. Steph.* Berwick; Raehills. Rev. W. Little.  
*var. elegans Steph.*
- B. FASCIOLATUM *Duft.\**  
*ustulatus var. E. Payk.*  
*var. A. cœruleum Dej.*  
*var. B. atrocœruleus Steph.* Not uncommon.  
*cyanescens Wesm.*  
*cumatile Schiodte.*  
*var. C. tibialis Duft. Steph.* Dumfriesshire; Dollar; Paisley;  
*cnemerythrus Steph.* Whittingham.
- B. MONTICULUM *Sturm. Steph.* Banks of the Annan. Occasional  
 on high grounds in Renfrewshire.
- B. DECORUM *Panz. not Steph.* Not rare.  
*agilis Steph.*  
*viridiæneus Steph.*
- B. RUFIPES *Ill. Sturm. (not* Not common. Portobello; Ber-  
*Gyll. nor Dej.)* wickshire.  
*brunnipes Dej.*  
*decorus Steph.*  
*albipes Steph.*  
*var. A. stomoides Dej.†*

\* The type of this very variable species, and var. A., so far as I know, are not found in Britain.—A.M.

† I have inserted the varieties of this and of the next species to complete the synonymy, but they have not yet been found in Scotland.—A. M.

- B. *NITIDULUM* Marsh. Steph. Dumfriesshire ; Renfrewshire.  
*rufipes* Gyll. Dej.  
*brunnipes* Sturm.  
 var. A. *brunnicornis* Dej.†  
 var. B. *deletum* Dej.†  
 var. C. *affinis* Steph.†
- B. *PRASINUM* Duft. Dej. Lochlomond ; Lanarkshire ; Cra-  
*olivaceum* Gyll. Steph. mond ; Berwickshire.  
*Leachii* Steph.

8TH DIVISION. Dej.

LEJA Meg.

- B. *LAMPROS* Herbst. Common.  
*celer* Fab. (*Tachypus*) Steph.  
*rufipes* Oliv.  
*acutus* Marsh.  
*pulchella* (*Lopha*) Marsh. Steph.  
 var. *velox* Erich. Common.  
*properans* Hoffm. (*Tachypus*)  
 Steph.  
*chalceus* Steph.  
*orichalcicus* Steph. (not Ill.)
- B. *PUSILLUM* Gyll. (not Steph.) Local. Dalmeny, near Edinburgh.  
*minima* Fab. (*Lopha*) Steph.  
*atratum* Sturm.
- B. *GILVIPES* Kollar, Sturm.  
 var. *Mannerheimii* Sahlb. Raehills. Rev. W. Little.  
*nigra* Wikin. Steph.
- B. *DORIS* Ill. Dej. Er. (not Steph.) Raehills ; East-Lothian ; Berwicksh.  
*assimilis* (*Lopha*) Steph.  
 (not Gyll.)  
 var. *acquaticum* Panz.  
*minutum* Fab.  
 var. *aquatilis* Ill.
- B. *SCHUPPELII* Dej. Near Edinburgh. Occasional.
- B. *OBTUSUM* Sturm, Dej. Steph. Occasional.  
 (*Tachys*, Steph.)  
*immunis* Steph.  
*pusillus* Steph.  
*gracilis* Steph.
- B. *GUTTULUM* Fab. Dej. Erich. Not rare.  
 (not Steph.)  
*riparius* Oliv.  
*immaculatum* Hüpf.  
*binotatus* (*Tachys*) Steph.  
*vittatus* (*Tachys*) Steph.  
 var. *hæmorrhous* Steph.  
 var. *bisignatum* Dej.

- B. BIGUTTATUM** *Fab.* Not rare.  
*riparius Oliv.*  
*nigroæneum Sturm.*  
*guttula Steph.*  
 var. *fuscipes Dej.* Near Paisley. Mr M. Young.  
 var. *vulneratum Dej.* Occasional. Near Edinburgh; Pais-  
*biguttatum Steph.* ley, &c.  
*fuscipes Steph.*  
*subfenestratum Steph.*
- B. ÆNEUM** *Germar, Steph. (Philocthus)* Common.  
*marinum Schiodte.*
- 9TH DIVISION. *Dej.*  
*LOPHA Meg.*
- B. QUADRIGUTTATUM** *Fab. Dej.*  
*Steph.* Roxburghshire; Berwickshire, &c.  
*chlorocephalotes ♂ Voct.* marshy spot near bridge No. 8,  
 var. *speculare Kuster.* over Union Canal, near Edinburgh.
- B. ARTICULATUM** *Panz.* Ben Lomond. Dr Leach. *Steph. Illust.*  
*pœcila Hoffm. Steph.*  
*subglobosus Payk.*
- 10TH DIVISION. *Dej.*  
*TACHYPUS Meg. Dej. (not Steph.)*
- B. PALLIPES** *Duft. Steph.* Banks of Nith, near Dumfries.  
 Rev. W. Little.
- B. FLAVIPES** *Lin. Steph.* Banks of Teviot, opposite Minto;  
*impressus Fourc. (not Fab.)* and Tweed, near Inverleithen;  
 Berwickshire; near Paisley, &c.

## FAMILY DYTISCIDÆ.

### DYTISCUS *Lin.*

- D. MARGINALIS** *Lin. Steph.* Found in ponds throughout Scot-  
*semistriatus Lin.* land.
- D. PUNCTULATUS** *Fab. Steph.* Found in ponds throughout Scot-  
*semisulcatus Müll.* land.  
*punctatus Oliv. Erich.*  
*porcatus Thunberg.*
- ACILIUS** *Leach, Erich.*
- A. SULCATUS** *Lin. Steph.* Not rare.  
*cinereus Rossi.*  
*Scoticus Curt. Steph.*

- A. FASCIATUS *De Geer, Steph.* Taken occasionally.  
     *canaliculatus Nicolai, Aubé.*  
     *calignosus Curtis.*  
     *sulcipennis Sahlb.*  
     *dispar Zieg. Lacord.*  
     COLYMBETES *Clair.*  
     MELADEMA *Lap. SCU-*  
     LOPTERUS *Dej.*
- C. FUSCUS *Lin. Steph.* Occasional.  
     *striatus Dej.*
- C. CONSPERSUS *Gyll. Aubé (not*  
     *Marsh.)* Forfarshire. Rev. W. Little.  
     *notatus Lacord.*  
     *pulverosus Knoch, Sturm,*  
     *Steph.*
- C. NOTATUS *Fab. Gyll. Steph.* Dollar ; Falkirk ; Berwickshire.  
     *punctatus Hoppe.*  
     *suturalis Lacord. Dej. Cal.*  
     *roridus Müll.*  
     *flavicollis Esch.*
- C. COLLARIS *Payk.* Braid marshes, near Edinburgh ;  
     *exoletus Forst. Steph.* Glasgow, &c. ; abundant, but local  
     *adpersus Panz. (not Fab.)* near Paisley.
- C. BISTRIATUS *Berg. Steph.* Dollar ; Swinton, Berwickshire ;  
     *agilis Payk. Erich. (not* near Glasgow and Paisley.  
     *Fab.)*
- ILYBIUS *Erich. Aubé.*
- I. ATER *De Geer, Steph.* Near Edinburgh ; Dollar ; Kinross-  
     *quadrinotatus Steph.* shire ; Berwickshire ; Glasgow.  
     *fenestratus Payk*
- I. QUADRIGUTTATUS *Lacord.*  
     *Erich. Dej.* Roxburghshire ; near Edinburgh.  
     *obscurus Marsh. Steph.*
- I. GUTTIGER *Gyll. Sahlb. Erich.*  
     *Steph.* Frequent near Paisley. Mr M. Young.  
     *immunis Steph.*
- I. FULGINOSUS *Fab. Steph.* Common in pools.  
     *lacustris Panz.*  
     *foetidus Müll.*
- AGABUS *Leach, Aubé.*
- A. AGILIS *Fab. Steph.* Rachills, Dumfriesshire. Rev. W. Little.  
     *hæmorrhoidalis Fab. var.*  
     *oblongus Ill. Gyll. Sturm.*  
     *ruficollis Schall.*

- A. ARCTICUS *Payk. Steph.* Dollar—rare. Plentiful in the island of Mull. Mr J. T. Syme. Mr Hislop.
- A. ULIGINOSUS *Lin. Fab. Erich. Steph.* Rare. Near Edinburgh; Aberdeenshire.
- A. FEMORALIS *Payk. Steph.* Pools by the side of Tweed and  
*assimilis Sturm.* Teviot. Near Falkirk and Paisley.
- A. STURMII *Schon. Steph.* Common.
- A. CHALCONOTUS *Kugel. Panz. Ill. Steph.* Not uncommon.  
*cyaneus Steph.*  
*concinus Marsh.*  
*nigroæneus Marsh. Steph.*  
 (immature.)  
*aterrimus Steph.*  
*montanus Steph.*
- A. FONTINALIS *Steph.* Not common.  
*vittiger Steph. (not Gyll. Aubé.)*
- A. GUTTATUS *Payk. Steph.* Common.  
*fenestratus Panz. (not Fab. Steph.)*
- A. MACULATUS *Lin. Steph.* Common.
- A. PALUDOSUS *Fab. Gyll. Steph.* Common.  
*congener Ill. (not Payk. Steph. Erich.)*  
*pallidipennis Lap.*  
*striolatus Steph. (not Gyll.)*
- A. BIPUNCTATUS *Fab. Er.* Common.  
*nebulosus Forst. Steph.*
- A. CONSPERSUS *Marsh. Steph.* Near Musselburgh.  
*subnebulosus Steph. Aubé.* Mr J. W. Douglas, *Entomologist*, 1831.
- A. AFFINIS *Payk.* Dumfriesshire; Fifeshire; near  
*guttulus Ill.* Glasgow; Renfrewshire, &c.  
*branchiatus Bab. Steph.*
- A. BIPUSTULATUS *Lin. Steph.* Common.  
*carbonarius Fab.*  
*Snowdonius Newman, Steph.*
- LACCOPHILUS *Leach, Aubé.*
- L. HYALINUS *De Geer, Steph.* Near Edinburgh; Berwickshire;  
 Man. near Dollar; common near Glas-  
*minutus Marsh. Gyll. Aubé.* gow, &c.  
*obscurus Panz.*

**L. MINUTUS** *Lin. Fab. Erich.*

*Steph.* Rare. South of Scotland. *Ent. Edin.*  
*interruptus* Panz, *Aubé.*  
*hyalinus* Marsh. *Sturm.*  
*Steph.* Illust.

**HYDROPORUS** *Clair. Steph.*

*HYGROTUS* *Steph.*, and  
*HYDROPORUS* *Steph.*

**H. DUODECIMPUSTULATUS** *Fab.* Near Edinburgh; Dollar; Dumfriesshire; Berwickshire; Renfrewshire.

*Oliv.*  
*12-punctatus* *Steph.*

**H. ELEGANS** *Illig.* Not frequent. Edinburgh, Fife, &c.

*depressus* *Aubé, Steph.* (not *Fab.*)  
*brevis* *Sturm.*

**H. DAVISII** *Curtis, Aubé, Steph.* Common in running streams.

*borealis* *Aubé, Steph.* (not *Gyll.*)  
*minimus* *Duft.*  
*alpinus* *Duft.*  
*septentrionalis* *Heer.* (not *Gyll.*)

**H. FRATER** *Kunzé, Steph. Gyll.* Near Edinburgh; Dollar; Berwickshire.

*assimilis* *Sturm, Payh.*  
*halensis* *Steph.* (not *Fab.*)  
*areolatus* *Steph. Ill.* (not *Duft.*)  
*affinis* *Sturm.*

**H. SEPTENTRIONALIS** *Gyll.* Devon; Dollar; Whitadder; Esk, above Musselburgh.

*fluviatilis* *Sturm.*  
*alpinus* *Kunzé, Steph.* (not *Payh. Gyll.*)  
*rotundatus* *Knoch.*  
*striolatus* *Dej.*

**H. RIVALIS** *Gyll.* Common in running streams.

*fluviatilis* *Steph.*  
*Stephensii* *Rudd, Steph.*

**H. HALENSIS**, *Fab. Aubé.* Raehills. Mull.

*areolatus* *Duft.* Rev. W. Little. Mr Hislop and Mr Syme.  
*griseostriatus* *Steph.* (not *Degeer. Gyll. Aubé.*)

**H. PICIPES** *Fab. Steph.* Raehills. Rev. W. Little.

*ovalis* *Thun.* (not *Steph.*)  
*punctatus* *Marsh.*

- H. SCHONHERRI *Aubé.* ♂ Falkirk ; Loch Lomond ; Bute.  
*consobrinus Zetten.* ♂  
*novemlineatus Rudd, Steph.* ♀  
*nigrolineatus Gyll. Steph.* ♀  
 (not *Sturm. Aubé,*)  
*parallelus Aubé, var.* ♀
- H. DORSALIS, *Fab. Gyll.* Raehills. Rev. W. Little.
- H. PALUSTRIS *Lin. Sturm. Steph.*  
*Erich.* Common.  
*sexpustulatus Fab. Steph.*  
*litturatus Fab. (not Panz.)*  
*proximus Steph.*  
*var. Cambriensis Davis,*  
*Steph.*
- H. ERYTHROCEPHALUS *Lin.*  
*Fab. Gyll. Steph. Aubé.* Not rare.  
*sericeus Esch.*  
*var. deplanatus Gyll. Aubé.*
- H. OVATUS *Sturm. (not Fab.)* Dollar ; Berwickshire.  
*latus Rudd. Steph.*  
*castaneus Heer.*
- H. NIGRITA *Fab. Gyll. Sturm,* Dollar ; Braid Hills, near Edin-  
*Erich. (not Steph.)* burgh ; near Paisley.  
*trivialis Spence, Steph.*
- H. XANTHOPUS *Steph.* Dollar ; Swinton ; Berwickshire.  
*planus Steph. Man. (not*  
*Fab.)*  
*flavipes Steph. Ill. (not Fab.)*  
*litturatus Brullé, Aubé (not*  
*Fab.)*
- H. PUBESCENS *Gyll. Aubé, Steph.* Not uncommon near Edinburgh ;  
*piceus Sturm, Erich. (not* Kinross-shire ; near Paisley, &c.  
*Kirby, Steph.)*  
*melanocephalus Marsh.*  
*Steph. Sturm, (not Gyll.*  
*Aubé.)*  
*caliginosus Steph.*  
*planus Marsh. Steph. Illust.*  
*(not Fab.)*  
*fuscus Hellw.*
- H. VITTULA *Erich.* Dollar ; Fife ; Kinross-shire ; Pais-  
*nigrita Steph. (not Fab.)* ley ; Raehills, &c.  
*ambiguus Aubé.*

- II. *PLANUS* *Fab. Gyll. Sturm,*  
*Erich. Aubé, (not Steph.)* Near Edinburgh; Dumfriesshire;  
*flavipes Fab.* Dollar.  
*ater Forster, Steph.*  
*holosericeus Marsh. Steph.*  
*Ill.*  
*pubescens Steph. (not Gyll.)*  
*fuscatus Steph.*
- H. *MEMNONIUS Nicolai, Erich.*  
*Aubé, Steph.* Raehills; Dollar; Kinross-shire;  
*niger Sturm, ♂* Tweed, Berwickshire.  
*jugularis Bab. ♂ ♀*  
*sub-elongatus Steph. ♂*  
*marginatus Steph. ♂ imma-*  
*ture (not Duft. Kunzé,*  
*Aubé.)*  
*deplanatus Steph. ♀ (not*  
*Gyll. Aubé.)*  
*castaneus Aubé, ♀*
- H. *RUFIFRONS Duft. Gyll. (not*  
*Steph.)* Berwickshire, rare; occasional near  
*griseus Steph.* Paisley.  
*piceus Steph. (not Aubé.)*
- H. *ANGUSTATUS Sturm. Erich.*  
*Aubé.* Near Swinton, Berwickshire.  
*tristis Steph. (not Payk)* Raehills.  
*acuminatus Sturm.*
- II. *GYLLENHALII Schiodte,* Dalmeny. Rev. W. Little.  
*rufifrons Steph. (not Duft.*  
*Gyll.)*  
*piceus Aubé (not Steph.,*  
*nor Sturm, Erich.)*  
*melanocephalus var. a. b.*  
*Gyll.*
- II. *LINEATUS Fab. Gyll. Sturm,*  
*Aubé, Erich.* Near Smailholm Tower; Berwickshire.  
*pygmaeus Fab. Steph.* Mr Hislop. Mr Hardy.  
*ovatus Fab. (not Sturm.)*  
*ovalis Marsh. Steph.*
- H. *UMBROSUS Gyll.* Sparingly near Paisley. Mr M. Young.
- II. *PICTUS Fab. Gyll. Steph.*  
*Aubé.* Near Edinburgh; Berwickshire.  
*arcuatus Fab.* Common near Paisley.  
*flexuosus Marsh.*



- H. *LEPIDUS* *Oliv. Schön. Aubé*, Not rare. Near Edinburgh; Aber-  
*scitulus Spence, Steph.* deenshire; Berwickshire; Lan-  
arkshire, &c.
- H. *CONFLUENS* *Fab. Panz. Gyll.*  
*Steph.* Raehills; near Paisley; near Fal-  
kirk.
- H. *INEQUALIS* *Fab. Gyll. Steph.*  
*Erich. Aubé*, Near Edinburgh; Dumfriesshire;  
*parvulus Fab.* Berwickshire; Lanarkshire, &c.  
*reticulatus Steph. (not Fab.)*  
*trifidus Marsh.*
- H. *RETICULATUS* *Fab. Gyll.*  
*Aubé, (not Steph.)* Roxburghshire; Berwickshire.  
*collaris Panz. Steph.*  
*var. affinis Steph.*

### HALIPLUS *Lat.*

- H. *ELEVATUS* *Panz. Gyll. Steph.* Whitadder; Water-of-Leith; Kel-  
vin; Avon, &c.
- H. *FULVUS* *Fab. Clair. Bab.*  
*Erich. Steph.* Ponds near Edinburgh; Dollar;  
*ferrugineus var. β Schon.* Berwickshire; Paisley, &c.  
*Gyll. Aubé.*  
*ferrugineus var. Steph. Ill.*  
*interpunctatus Marsh.*
- H. *VARIEGATUS* *Sturm, Erich.*  
*Aubé.* Dollar. Mr J. T. Syme.  
*subnubilis Bab.?*  
*ruficollis Steph. Man. (not*  
*De Geer, Erich.)*  
*marginé-punctatus Steph.*  
*Illig. (not Panz.)*
- H. *RUFICOLLIS* *De Geer, Erich.* Not uncommon.  
*Steph. Illust.*  
*impressus Gyll. Aubé, (not*  
*Erich. Ill.)*  
*melanocephalus Steph. Illig.*  
*fulvicollis Steph.*  
*brevis Steph.*  
*rubicundus Bab.*  
*var. β marginé-punctatus*  
*Panz. (not Steph.)*

- II. LINEATOCOLLIS *Marsh. Gyll.*  
*Steph. Aubé, Erich.* Common.  
*bistriolatus Duft. Sturm.*  
*trimaculatus Drap.*
- H. LINEATUS *Aubé.* Loch Leven; Swinton; Berwick-  
*confinis Steph.* shire.
- H. OBLIQUUS *Fab. Panz. Steph.* Whitadder; Berwickshire.  
*confluens Fab.*  
*marmoreus Oliv.*

## FAMILY GYRINIDÆ.

### GYRINUS *Geoff.*

- G. MINUTUS *Fab. Steph.* Near Hawick; Water-of-Leith, and  
*bicolor Oliv. (not Payk.)* Braid ponds, near Edinburgh;  
 Berwickshire; near Paisley.
- G. NATATOR *Lin. Gyll. Steph.* In ponds. Common everywhere.  
*Aubé.*  
*var. substriatus Steph.*
- G. MARINUS *Gyll. Ahr. Erich.* Duddingston Loch, and Lochend—  
*Aubé. Steph.* Canal near Glasgow and Paisley;  
*natator Fab. (not Lin.)* Linlithgow Loch.  
*æneus Steph. var. major*  
*(not Aubé.)*  
*æratatus Steph. var. minor.*  
*dorsalis Gyll. var.*

### ORECHTOCHILUS *Esch.*

- O. VILLOSUS *Fab. Gyll. Steph.* In the Jed, near Jedburgh; Earl-  
*Aubé.* ston; Loch Lomond; Kelvin;  
 abundant in Eden, near Nen-  
 thorn.

## FAMILY HYDROPHILIDÆ.

### HELOPHORUS *Fab.*

- H. NUBILUS *Fab. Steph.* Not rare.  
*cinereus Marsh.*

- H. *GRISEUS* *Brullé*. Not scarce.  
*intermedius* *Dej. Mulsant*.
- H. *AQUATICUS* *Lin. Steph.* Common.  
*æneus* *Illig.*  
*flavipes* *Herbst.*  
*stagnalis* *Marsh.*  
*grandis* *Illig.*
- H. *GRANULARIS* *Lin. Steph.* Common.  
*flavipes* *Fab.*  
*aquaticus* *Fab.*  
*griseus* *Herbst.*  
*affinis* *Marsh.*
- H. *DORSALIS* *Marsh.* Dollar. Mr J. T. Syme.
- H. *FENNICUS* *Payk.* Occasional; near Edinburgh; Berwickshire; Aberdeenshire.

HYDROCHUS *Germar.*

- H. *BREVIS* *Herbst. Steph.* Braid Hill marshes, near Edinburgh.  
 Abundant. Common in Cart,  
 near Paisley.
- H. *ELONGATUS* *Schaller, Steph.* South of Scotland, near Edinburgh.  
*cicindeloides* *Marsh.*
- H. *AUGUSTATUS* *Müller, Ger-mar.* Braid Hill marshes, near Edinburgh; Swinton, Berwickshire; near Glasgow.  
*elongatus* *Oliv.*  
*crenatus* *Steph. (not Fab.)*  
*bicolor* *Dahl.*

OCHTHEBIUS *Leach, Lat.*ENICOCERUS *Curtis.*

- O. *MARINUS* *Payk.* Dalmeny Park, in a marsh by the shore. Rev. W. Little.  
*meridionalis* *Dej.*  
*pallidipennis* *Frivaldsky.*
- O. *EXCULPTUS* *Müll. Germ.* Teviot, Leith, Devon, Cart, &c.  
 ♂ var. *α. viridiæneus* *Curtis.* Not scarce.  
 ♀ var. *β. Gibsonii* *Curtis.*  
 ♂ *tristis* *Curtis.*  
*sulcicollis* *Lintz.*
- O. *PYGMÆUS* *Fab.* Swinton—sea coast, near Cockburnspath. Mr James Hardy.  
*minimus* *Fab.*  
*riparia (Hydraena)* *Illig.*  
*(not Steph.)*  
*impressus* *Marsh.*

HYDRÆNA *Kugelan.*

- II. RIPARIA *Kug. Steph.* Common.  
     *minimus Payk. (Helophorus.)*  
     *longipalpis Marsh.*  
     *Kugellani Leach.*
- II. NIGRITA (*Müll.*) Berwickshire. Mr Hardy.  
     *pusilla Steph.*

LIMNEBIUS *Leach, Solier.*

- L. TRUNCATELLUS *Thunb. Fab.* Not scarce.  
     *Erich. (not Steph?)*  
     *parvulus Herbst.*  
     *affinis Steph.*  
     *ater Steph.*
- L. NITIDUS *Marsh. Steph.* Not common. Water - of - Leith ;  
     *truncatellus Steph. ?* Berwickshire.
- L. NIGRINUS *Marsh. Steph.* Occasional. Near Edinburgh ; River  
     *nigricans Curt.* Annan, near Moffat ; Berwick-  
     *lutosus Marsh. Steph.* shire.

BEROSUS *Leach, Lat.*

- B. LURIDUS *Lin. Fab.* Dumfriesshire. Rev. W. Little.  
     *(not Steph.)*  
     *fuscus De Geer.*  
     *globosus Curt. Steph. ?*

HYDROBIUS *Leach.*

- H. FUSCIPES *Lin. Steph.* Common.  
     *aquaticus Lin.*  
     *scarabæoides Fab.*
- H. GLOBULUS *Payk. (Laccobius)* Common.  
     *Steph. Syn.*  
     *limbatus Fab. Steph. Man.*  
     *minutus Oliv. Marsh. Steph.*  
     *var. bipustulatus Marsh.*  
     *Steph.*  
     *similis De Castelnau.*

LACCOBIUS *Erich.*

HYDROBIUS *Steph.*

L. MINUTUS *Lin. Erich. Müll.* Common.

(not *Steph.*)

*chrysomelinus Müll.*

*coccinelloides Schrk.*

*marginellus Herbst.*

*bipunctatus Fab. Marsh.*

*Steph.*

var. *striatulus Fab. Steph.*

var. *pallidus De Castel.*

var. *colon Steph.*

PHILHYDRUS *Solier.*

HYDROBIUS *Steph.*

P. MELANOCEPHALUS *Oliv. Gyll.* Not common. Fifeshire ; near Paisley.  
*Steph. Muls.*

*ochropterus Marsh. Steph.*

*minutus Payk.*

*marginatus Duft.*

*dermestoides Marsh.*

*quadripunctatus Herbst.*

*bicolor Fab.*

var. *testaceus Fab. Steph.* Dollar.

Mr J. T. Syme.

*Muls.*

*torquatus Marsh. Steph.*

*grisescens Sturm.*

*fulvus Marsh. Steph.*

P. MARGINELLUS *Fab. Steph.* Near Paisley, rare Dollar.  
*affinis Payk. Gyll. Steph.* Mr. M. Young. Mr J. T. Syme.  
var. *minutus Fab.*  
*margipallens Marsh.*

CYLLIDIUM *Erich.*

CHAETARTHRIA *Water.*

CÆLOSTOMA *Brullé.*

C. SEMINULUM *Payk.* Among sphagnum, Berwickshire.  
*nigrinus (Dermestes) Marsh.* Mr J. Hardy.  
*hemisphericus Dej.*

CYCLONOTUM *Dej.*  
*Erich.*

CÆLOSTOMA *Brullé.*

C. ORBICULARE *Fab. Steph.* Scarce. West end of Duddingston  
Loch ; near Paisley ; Kilmun.

SPHÆRIDIDIUM *Fab.*

- S. SCARABÆOIDES *Lin. Steph.* Common.  
     *quadrinaculatum Schrank.*  
     *Steph.*  
     *bipustulatum Herbst.* (not  
     *Steph.*)
- S. BIPUSTULATUM *Fab. Steph.* Not rare.  
     *hæmorrhoum Schrank.*  
     *testudinarium Fourc.*  
     *marginatum Scriba, Fab.*  
     *Steph.*  
     *scarabæoides Laich.* (not  
     *Lin. Steph.*)  
     *semistriatum De Cast.*  
     *quadrinaculatum Marsh.*  
     (not *Schrank, Steph.*)  
     *Daltoni Kirby, Steph.*

CERCYON *Leach.*

- C. OBSOLETUM *Gyll. Steph. Muls.* Occasional.  
     *lugubre Oliv. Marsh.*  
     (not *Erich. Heer, Muls.*)  
     *atomarium Payk.*
- C. HÆMORRHOIDALE *Fab. Steph.* Common.  
     *Muls.*  
     *melanocephalum var. β Illig.*  
     *obsoletum De Castcl.*  
     *piccum Marsh. Steph.*  
     *var. impressum Sturm.* Rare. Near Edinburgh.  
     *Steph.*
- C. HÆMORRHOUUM *Gyll. Steph.* Near Edinburgh. Rare. A. Murray.  
     *Muls.*  
     *hæmorrhoidale Fab.*  
     *melanocephalum var. β Illig.*  
     *xanthorrhœum Leach, Steph.*
- C. LATERALE *Marsh. Steph.* Not uncommon.  
     *Muls.*
- C. QUISQUILIUM *Lin. Steph. ♂* Common.  
     *Muls.*  
     *minimus? Scop.*  
     *xanthopterum Laich.*  
     *unipunctatum Fab. Steph. ♂*  
     *melanocephalus var. Herbst.*  
     *dispar Payk. ♂*  
     *var. flavum Marsh. Steph.*

- C. UNIPUNCTATUM *Lin. Muls.* Common.  
*cordiger Fuessly.*  
*dispar Payk. ♀*  
*quisquilius Steph. ♀*
- C. CENTRIMACULATUM *Sturm.* Edinburgh; Dumfriesshire; Kinross-shire, &c.; common.  
*Erich. Muls.*  
*pygmæum Gyll. (not Ill. Muls. Steph.)*  
*bimaculatum Steph.*  
*ustulatum Kirby. Steph.*  
*inustum Marsh. Steph.*  
*nubilipenne Steph.*
- C. PYGMÆUM *Illig. Steph.* Not uncommon.  
*Muls.*  
*stercorator Steph.*  
*ferrugineum Herbst, (not Steph.)*  
*var. conspurcatum Sturm, Dumfriesshire. Rev. W. Little.*  
*Steph.*  
*var. merdarium Sturm. Roxburghshire. Ent. Edin.*  
*(not Steph.)*
- C. LITTORALE *Gyll. Steph.* Under decaying rejectamenta on all the coasts.  
*Muls.*  
*ruficorne Kirby, Steph.*  
*binotatum Steph.*  
*dilatatum Steph.*
- C. FLAVIPES *Fab. Steph. Muls.* Common.  
*hæmorrhoidale Sturm.*  
*melanocephalum Gyll.*  
*suturale Steph.*  
*femorale Steph.*  
*picinum Steph.*
- C. MELANOCEPHALUM *Lin.* Common.  
*Steph. Muls.*
- C. MINUTUM *Fab. Steph. Muls.* Near Edinburgh; Kinross-shire; Dumfriesshire, &c.  
*triste Ill. (not Gyll.)*  
*lævigatum Kirby, Steph.*  
*convexior Marsh. Steph.*  
*convexius Kirby, Steph.*  
*convexiusculum Marsh. Steph.*
- C. ANALE *Payk. Erich.* Near Edinburgh; Raehills; Aberdeenshire; Paisley; Berwickshire, &c.  
*terminatum Marsh. Steph.*  
*flavipes Thunberg.*  
*apicale Steph.*  
*infuscatum Steph.*  
*var. marginellum Payk.*

MEGASTERNUM *Mulsant.*CERCYON *Steph.*M. BOLETOPHAGUM *Erich.**Muls. Steph.*

Common.

acutum *Steph.*immune *Kirby, Steph.*stercorarium *Marsh. Steph.*immaculatum *Kirby, Steph.*laeve *Marsh. Steph.*contaminatum *Kirby, Steph.?*ferrugineum *Marsh. Steph.?*concinnum *Marsh. Steph.?*fuscescens *Steph.?*immundum *Steph.?*CRYPTOPLEURUM *Mulsant.*CERCYON *Steph.*C. ATOMARIUM *Fab. Steph.*

Common.

crenatum *Panz. Steph.*minutum *Payk. (not Steph.)*merdarium *Steph.*var. sordidum *Marsh.**Steph.*

## FAMILY PARNIDÆ.

PARNUS *Fab.*DRYOPS *Lat.*P. PROLIFERICORNIS *Fab.*

Not rare.

*Panz. Steph.*auriculatus *Oliv.*sericeus *Leach.*niveus *Heer.*var. impressus *Curtis.*var. bicolor *Curtis.*P. AURICULATUS *Ill. Panz. Lat.*

Not rare.

*Steph.*

## FAMILY ELMIDÆ.

ELMIS *Lat.*E. ÆNEUS *Steph. Müller.*Megerlei *Duft.*Dumfriesshire; Dollar; Whitadder;  
Berwickshire.



- E. VOLKMARI* *Lat. Panz.* Tweed; Teviot; Water-of-Leith; Cart; Devon, &c.
- E. PARALLELOPIPEDUS* *Ill.* Devon, at Dead Waters. Not rare in southern counties.  
(*Stenelmis*) *Steph.*
- E. CUPREUS* *Steph. Müller.* Water of Dryfe; Dumfriesshire; Berwickshire.
- E. DARGELASII* *Lat.* Waters in south and middle of Scotland.  
*tuberculatus* *Mull.* (not *Gyll.*)  
*variabilis* *Leach, Steph.*
- E. LACUSTRIS* *Spence, Steph.* Banks of Teviot opposite Minto. Rather plentiful. Whitadder.
- E. RUGOSUS* *Bab.* Whitadder and Blackadder, in Berwickshire.
- 

## FAMILY HETEROCERIDÆ.

### HETEROCERUS *Bosc. Fab.*

- H. MARGINATUS* *Fab.* Marshy ground near the shore in Dalmeny Park; Berwickshire; near Cambuslang.
- 

## FAMILY SILPHIDÆ.

### NECROPHORUS *Fab.*

- N. HUMATOR* *Fab. Steph.* Common under carcasses.
- N. VESPILLO* *Lin. Fab. Steph.* Not very common.
- N. VESTIGATOR*, *Hersch. Steph.* Common.  
*sepultor* *Gyll.* (not *Charp. Steph.*)
- var. interruptus* *Steph.* Occasional.  
(not *Dej.*)
- N. MORTUORUM* *Fab. Steph.* Not very common.

### NECRODES *Wilkin.*

- N. LITTORALIS*, *Lin. Fab. Steph.* Common under carcasses.  
*clavipes* *Sulzer.*  
*var. lividus* *Fab.*  
*simplicipes* *Dej.*

SILPHIA *Lin. Fab.*OICEOPTOMA *Leach.*PHOSPHUGA *Leach.*

- S. THORACICA *Lin. Fab. Steph.* Occasional
- S. RUGOSA *Lin. Fab. Steph.* Plentiful.
- S. SINUATA *Fab. Oliv. Steph.* Rare. Dumfriesshire; and near Edinburgh; Flisk, in Fifeshire.
- S. DISPAR *Herbst, Steph.* Rare. Under rejectamenta, on shores of Lochleven.
- S. OPACA *Lin. Fab. Steph.* Not common. Kinross-shire; Edinburgh; Berwickshire; Aberdeenshire; Lanarkshire, &c.
- S. QUADRIPUNCTATA, *Lin. Fab. Steph.* Very rare. Near Edinburgh; Perthshire.
- S. TRISTIS *Illig. Steph.* Not common. Near Edinburgh.
- S. OBSCURA *Lin. Fab. Steph.* Not common, but generally distributed.
- S. NIGRITA *Creutzer, Steph.* Not rare.
- (PHOSPHUGA *Leach.*)
- S. ATRATA *Lin. Fab. Steph.* Common.

SPHÆRITES *Duft.*HISTER *Fab.*

- S. GLABRATUS *Fab. Duft. Steph.* Berwickshire. A single specimen.  
Mr Jas. Hardy.

CATOPS *Fab. Steph.*CHOLEVA *Lat. Steph.*PTOMAPHAGUS, *Ill. Steph.*HYDROPHILUS *Fab.*

- C. ANGUSTATUS *Fab. Steph.* Occasional.  
(*Choleva Steph.*)  
agilis *Fab.* (not *Illig.*)  
elongatus *Payk.*  
rufescens *Illig.* (not *Fab.*)  
oblongus *Lat. Spence.*  
cisteloides *Froehl.*
- C. FUSCUS *Panz. Steph.* Portobello; near Paisley; Berwickshire; Dumfriesshire.  
sericeus *Payk. Spence.*  
rufescens *Fab.* (not *Ill.*)
- C. UMBRINUS *Erich.* Paisley. Mr Morris Young.
- C. NIGRICANS *Spence.* Occasional.  
fornicatus *De Geer, Steph.*  
Soror *Newm. Steph.?*

- C. PICIPES* *Fab.* Near Edinburgh. Kirkcudbright ;  
*sericeus* *Spence.* Dumfriesshire.
- C. GRANDICOLLIS* *Erich.* Dumfriesshire ; Paisley.
- C. TRISTIS* *Panz. Spence.* Near Edinburgh ; near Paisley.  
*clavicornis* *Forst. Steph.* Carfin ; Raehills ; Berwickshire ;  
 Aberdeenshire.
- C. LEACHII* *Spence, Steph.* Near Edinburgh. *Ent. Edin.*
- C. SPENCII* *Steph.* Raehills. *Rev. W. Little.*
- C. CHRYSOMELOIDES* *Panz. Lat.* Near Edinburgh. Not common.  
 East Lothian ; Berwickshire.
- C. ELONGATUS* *Steph.* Dumfriesshire. *Rev. W. Little.*
- C. FESTINANS* *Spence, Steph.* Guillane Links, East Lothian ; Dum-  
*montivagus* *Heer. ?* friesshire ; Paisley, &c.  
*rotundicollis* *Kellner ?*
- C. FULIGINOSUS* *Erich.* Kinross-shire ; Dumfriesshire ; Edin-  
*Kirbii* *Spence, Steph.* burgh.
- C. FUMATUS* *Spence, Erich.* Dumfriesshire, and near Edinburgh ;  
*Steph.* Berwickshire ; near Paisley ;  
*agilis* *Fab.* Aberdeenshire ; Dollar, &c.  
*nigricollis* *Sturm.*  
*Watsoni* *Spence, Steph.*  
*Frater* *Newm. Steph. ?*
- C. VELOX* *Spence, Erich. Steph.* Near Edinburgh ; Dumfriesshire ;  
*Wilkinii* *Spence, Steph.* Renfrewshire ; Berwickshire.  
*nubifer* *Newm. Steph.*
- C. SERICEUS* *Fab. Panz.* Common.  
 (not *Payk.* nor *Spence.*)  
*truncatus* *Illig. Steph.*  
*villosus* *Lat. Spence.*  
*picipes* *Kugellan.*
- C. PRÆCOX* *Erich.* Dumfriesshire. *Rev. W. Little.*
- C. ANISOTOMOIDES*, *Spence,* Not common. Berwickshire ; near  
*Steph.* Edinburgh, &c.
- C. DAVISII* *Steph.* Castle Campbell, near Dollar ; Nen-  
 thorn.

COLON *Herbst.**MYLÆCHUS* *Lat. Steph.**CATOPS*, *Sahlb. Gyll.*

- C. CLAVIGER* *Herbst.* Dumfriesshire. *Rev. W. Little.*
- C. DENTIPES* *Sahlb.* Near Edinburgh ; Dumfriesshire.
- C. BRUNNEUS* *Spence, Lat.* Near Edinburgh ; Berwickshire ; in  
 moss near Paisley.
- C. FUSCULUS* *Erich.* Dumfriesshire. *Rev. W. Little.*

LEPTINUS *Müller.*L. TESTACEUS *Müller, Hardy.* Near Paisley.

Mr Morris Young.

## FAMILY PTILIDÆ.

TRICHOPTERYX *Kirby,*  
*Steph.*T. FASCICULARIS *Herbst.* In putrid fungi, &c.  
atomaria *Steph.* (not  
*De Geer.*)minutissima *Marsh.*lata *Motsch.*grandicollis *Erich.* (not  
*Mark.*)T. DEPRESSA *Sturm.*

On wall-tops near Edinburgh.

sericans *Heer.*

A. Murray.

volans *Motsch.*acuminata *Motsch.*bovina *Motsch.*PTILIUM *Schüp. Erich.*TRICHOPTERYX *Heer.**Alib. Steph.*P. KUNZEI *Heer.*

Wall-top, Slateford; Barnton.

nana *Steph.*longicorne *Markel,* (not  
*Motsch.*)P. MINIMUM *Herbst. Steph.*

Near Edinburgh; Dalmeny, &amp;c.

foveolatum *Allibert.*excavatum *Mark.*limbatum *Motsch.* (not  
*Heer.*)Gallicum *Motsch.*PTENIDIUM *Erichson.*ANISARTHRIA *Steph.*TRICHOPTERYX *Heer.**Allib. Gyllm.*P. PUSILLUM *Gyll. (Scaphi-*  
*dium, Gyll.) Steph.*

Cramond. Roslin.

*Ent. Edin.*nitidum *Heer,* (not *Steph.*)quadrifoveolatum *Allib.*

P. PERPUSILLUM *Marsh. Steph.* Raehills ; Girrick, Nenthorn.  
                   *melas Marsh. Steph.*  
                   *nitidum Steph.*

P. NITIDULUM *Marsh. Steph.* Cramond.

Rev. W. Little.

## FAMILY ANISOTOMIDÆ.

HYDNOBIUS *Schmidt.*

ANISOTOMA *Sturm.*

LEIODES *Steph.*

H. PUNCTATISSIMUS *Steph.*

Dalmeny Park.

Mr R. N. Greville.

ANISOTOMA *Knoch.*  
*Schmidt.*

TETRATOMA *Panzer.*

LEIODES *Steph.*

A. CINNAMOMEA *Panz. Steph.*

Vicar's Bridge, Dollar. Mr J. T. Syme.

A. PICEA *Illig. Steph.*  
*consobrina Sahl.*

Near Edinburgh ; Paisley.

A. OBESA *Schmidt.*

Near Musselburgh.

*Ent. Edin.*

var. b. *picea Gyll.*  
*armata Payk. Steph.*

A. DUBIA *Illig.*

Var. *rufipenne Payk. Steph.*

Dalmeny Park, Cramond ; Berwickshire ; Kinross-shire.

A. FERRUGINEA *Gyll. Steph.*  
*arenaria Rudd. Steph.*

Near Edinburgh ; Dumfriesshire ; Kinross-shire.

*suturalis Steph.*  
*testacea Steph.*

A. OVALIS *Schmidt.*

*Marshami Steph.*

Dumfriesshire ; Kinross-shire.

A. CALCARATA *Schm.*  
*thoracica Steph.*

Near Edinburgh ; Dumfriesshire.

*Dillwynii Steph.*

A. LITURA *Steph.*

Dumfriesshire ; Edinburgh.

A. PALLENS *Sturm.*

Cramond.

Rev. W. Little.

A. BADIA *Sturm. Steph.*  
 (not *Schmidt.*)

Cramond.

Rev. W. Little.

*laevicollis Sahl.*

Rev. W. Little.

A. PARVULA *Sahl.*

*brunnea Gyll. Steph.*

Dalmeny Park ; Berwickshire ; Girrick, Nenthorn.

*Gyllenhalii Steph.*

*Badia Schmidt, (not Sturm.)*

- A. MULTISTRIATA *Gyll. Steph.* Dalmeny Park. Mr R. N. Greville.  
 A. CASTANEA *Illig. Steph.* (not Roslin. Cramond. *Ent. Edin.*  
*Kug.*)  
 A. MARITIMA *Rudd. Steph.* Joppa, near Edinburgh; Cramond.  
 Mr J. T. Syme. Rev. W. Little.  
 A. POLITA *Mar. Steph.* Dumfriesshire; near Edinburgh;  
*castanea Mar.* (not *Kug.* Kinross-shire.  
*nor Steph.*)  
 A. NIGRICOLLIS *Steph.* Cramond. Rev. W. Little.

COLENIS *Erich.*ANISOTOMA *Schmidt.*LEIODES *Steph.*

- C. DENTIPES *Gyll.* Rare. Cramond; Dalmeny; Ber-  
*aciculata Steph.* wickshire; Hamilton; Paisley.  
*immundum (Sphaeridium)*  
*Sturm.*

LIODES *Erich.*ANISOTOMA *Knoch. Dej.*LEIODES *Lat. Steph.*

- L. HUMERALIS *Kug. Steph.* In fungi. Edinburgh; Dollar;  
 Paisley; Berwickshire; Aber-  
 deenshire, &c.

AMPHICYLLIS *Erich.*AGATHIDIUM *Sturm. Steph.*

- A. GLOBUS *Fab. Steph.* Kelvin Bank; Cramond; Mussel-  
*ruficollis Oliv.* burgh.  
 var. *staphylaeum Gyll.*  
*ferrugineum Sturm. Steph.*

AGATHIDIUM *Ill.*

- A. NIGRIPENNE *Kug. Panz.* Scarce near Edinburgh. Local, but  
*ruficollis Marsh. Steph.* plentiful, near Paisley.  
 A. ATRUM *Steph. (Sphaeridium)* Scarce near Edinburgh. Berwick-  
*Payk.* shire and East Lothian. Not rare  
*rufipes Steph.* near Paisley.  
 A. SEMINULUM *Lin. Gyll. Steph.* Berwickshire and Aberdeenshire.  
*globosum Illig.* Mr Jas. Hardy.  
 A. LAEVIGATUM *Erich.* Wall-tops, in autumn. Cramond.

- A. NIGRINUM *Sturm. Steph.* Dalmeny Park ; Cramond.  
orbiculare *Steph.*
- A. PUNCTULUM *Beck.* Corstorphine Hill. Common near  
nanum *Steph.* Paisley.
- A. MINUTUM *Sturm. Steph.* Berwickshire. Mr James Hardy.
- A. CARBONARIUM *Sturm. Steph.* Raehills. Rev. W. Little.

CLAMBUS *Fischer.*

- C. ENSHAMENSIS *West. Steph.* Raehills ; near Edinburgh ; Ber-  
wickshire.
- C. ARMADILLUS *De Geer, Steph.* Girrick, Nenthorn. Mr Hislop.  
cephalotes *Dej.*  
convexus *Marsh.*
- C. NIGRICLAVIS *Rudd. Steph.* Kelvin, in moss. Mr Hislop.

## FAMILY PHALACRIDÆ.

PHALACRUS *Payk.*

- Ph. CORRUSCUS *Panz. Steph.* Dumfriesshire. Under bark, near  
fimetarius *Fab.* Berwick.  
ater *Panz.* Rev. W. Little. C. C. Babington.
- Ph. SUBSTRIATUS *Gyll. Steph.* Girrick, Berwickshire. Mr R. Hislop.  
Mille-folii *Steph.* (not *Payk.*  
*Gyll.*)  
trichopus *Waltl.*  
punctato-striatus *Waltl.*
- Ph. CARICIS *Sturm. Steph.* Dumfriesshire. Rev. W. Little.  
Mille-folii *Gyll. Ill.*  
punctulatus *Dej.*

OLIBRUS *Erich.*PHALACRUS *Payk. Steph.*

- O. CORTICALIS *Schön. Steph.* " Ravelstone Wood ; under the bark  
stercoreus *Fab.* of firs in winter." Kinross-shire.  
Dr Leach. *Ent. Edin.* A. Murray.
- O. BICOLOR *Fab. Steph.*  
var. flavicornis *Sturm.* Dumfriesshire. Rev. W. Little.  
*Steph.*

- O. *ÆNEUS* Illiger, *Fab. Steph.* Generally distributed.  
     *ovatus* Marsh. *Steph.*  
     *cognatus* *Steph.*
- O. *PICEUS* (Knoch) *Steph.* Dumfriesshire. Rev. W. Little.

## FAMILY NITIDULIDÆ.

CERCUS *Lat. Erich.*

CATERETES *Heer. Steph.*

- C. *PEDICULARIUS* *Lin. Fab.* Berwickshire and East Lothian.  
     *Steph.* Mr James Hardy.  
     *truncatus* *Fab.*  
     *Spireæ* (*Anisocerus*) *Howitt,*  
     *Steph.*
- C. *BIPUSTULATUS*, *Payk. Steph.* Occasional.

BRACHYPTERUS *Kug.*

CATERETES *Steph.*

- B. *URTICÆ* *Fab. Steph.* Very common.

CARPOPHILUS *Leach,*  
*Steph.*

- C. *HEMIPTERUS* *Lin.* Edinburgh—a single specimen ; (in-  
     *flexuosus* *Payk. Steph.* troduced from abroad.) A. Murray.  
     *bimaculatus* *Oliv.*  
     *cadaverinus* *Fab.*  
     *Ficus* *Fab.*
- C. *QUADRISIGNATUS* *Erich.* Edinburgh—in a box of figs from  
     Smyrna ; (likewise introduced.)  
     Dr Lowe.

EPURÆA *Erich.*

NITIDULA *Fab. Steph.*

- E. *AESTIVA* *Lin. Steph.* (not *Ill.*) Common near Edinburgh ; East  
     *depressa* *Gyll.* (not *Lin.*) Lothian ; Aberdeenshire.  
     *obsoleta* *Herbst, Steph.*  
     *villosa* *Thun. Steph.*  
     *ochracea* *Erich.*
- E. *OBSOLETA*, *Fab. Steph.* Linlithgow ; Edinburgh ; Paisley.



- E. PUSILLA* Illig. Steph. In woods near Kirriemuir, Forfarshire; Berwickshire; East Lothian; Aberdeenshire.
- E. OBLONGA*, Herbst, Steph. On flowers. Occasional. Edinburgh; Dollar, &c.
- E. VARIEGATA* Herbst, Gyll. impressa Kirby, Steph. Near Edinburgh — on plants, and under bark of trees; Berwickshire.
- E. MELANOCEPHALA*, Marsh. Steph.  
     *truncata*, Kirby, Steph.  
     *discolor* Wall.  
     *ferruginea* Heer.  
     var. *brunnea*, Heer.  
     var. *affinis* Mar. Steph. Dollar. Mr J. T. Syme.  
*E. DECENGUTTATA* Fab. Steph. Rare. Cramond. Ent. Edin.
- NITIDULA, Fab. Steph.
- N. BIPUSTULATA* Lin. Steph. Generally distributed, but in no great numbers.
- SORONIA Erich.
- NITIDULA, Fab. Heer. Steph.
- S. PUNCTATISSIMA* Ill. Steph. Hawick and Jedburgh. Ent. Edin.
- S. GRISEA* Lin. Steph. Scarce. Near Edinburgh, Dollar, &c.  
     var. *varia* Fab.  
     *variegata* Oliv.
- OMOSITA Erich.
- NITIDULA Fab. Heer, Steph.
- O. DEPRESSA* Lin. Steph. On decaying animal matter. Fife-shire. A. Murray.  
     *sordida* Fab.  
     *Colon* Herbst, (not Lin.)  
     *varia* Oliv.  
     *immaculata* Oliv.
- O. COLON* Lin. Steph. Not rare—on bones, &c.  
     *hæmorrhoidalis* Fab.
- O. DISCOIDEA* Fab. Steph. Not rare—on bones, &c.
- MELIGETHES Kirby, Erich. Steph.
- NITIDULA Fab. Dej.
- M. RUFIPES* Gyll. Steph. Occasional.  
     *flavimanus* Kirby, Steph.

- M. *ÆNEUS* *Fab. Erich. Steph.* Common.  
*psyllius* *Herbst.*  
*Urticæ* *Sam. Steph.*  
*subtilis* *Waltl.*  
*alpestris* *Heer.*  
 var. *cœruleus* *Herbst, Steph.*  
 var. *olivaceus* *Gyll.*
- M. *VIRIDESCENS* *Fab. Steph.* Very common.  
*æneus* var.  $\gamma$  *Schön.*
- M. *PEDICULARIUS* *Gyll. Steph.* Plentiful.
- M. *XANTHOCERAS* *Steph.* In flowers. Cramond. *Rev. W. Little.*
- M. *NIGRINUS* *Marsh.* Raehills. Dumfriesshire.  
*æthiops* *Lat.* *Rev. W. Little.*
- THALYCRA* *Erich.*  
*STRONGYLUS* *Erich. Dej.*  
*Steph.*
- T. *SERICEA* *Sturm. Erich.* Near Annan. *Ent. Edin.*  
*fervida* *Gyll. Steph.*
- POCADIUS* *Erich.*  
*STRONGYLUS* *Herbst, Dej.*  
*Steph.*  
*CYCHRAMUS* *Heer.*
- P. *FERRUGINEUS* *Fab. Steph.* In fungi; rare; near Edinburgh;  
*æstivus* *Herbst.* Coldstream, Berwickshire.  
*striatus* *Oliv.*
- CYCHRAMUS* *Kugelann,*  
*Erich.*  
*STRONGYLUS* *Herbst, Dej.*  
*CAMPTA* *Kirby, Steph.*
- C. *LUTEUS* *Fab. Steph.* Dumfriesshire, Ayrshire, and South  
 of Scotland.
- IPS* *Fab. Steph.*
- I. *QUADRIGUTTATA* *Fab.* Very rare. Near Paisley. Mr M. Young.
- I. *QUADRIPUNCTATA* *Herbst,* Under bark. Dumfriesshire, Ber-  
*Oliv. Steph.* wickshire, Kirriemuir, Forfarshire,  
 Glasgow, &c. More readily found  
 among sawn wood.

- I. QUADRIPUSTULATA *Lin.* Found throughout the year under bark of decayed fir-trees at Rae-hills in Dumfriesshire; Renfrewshire; Berwickshire.
- Steph.*  
quadripustulata *De Geer.*
- I. FERRUGINEA *Lin. Steph.* (Pit-iophagus *Schuk.*) Under bark. Forfarshire; Dumfriesshire; Berwickshire, &c.  
dermestoides *Panz.*  
linearis *Lat.*
- RHIZOPHAGUS *Herbst,*  
*Gyll. Steph.*
- LYCTUS *Fab. Payk.*  
SYNCHITA *Duft.*
- R. DEPRESSUS *Fab.* Berwickshire, and Aberdeenshire.  
Mr Hardy.
- R. FERRUGINEUS *Payk. Steph.* Not common.
- R. DISPAR *Payk. Steph.* Commonest of the genus.  
elongatus *Oliv.*  
bipustulatus var.  $\beta$  *Duft.*
- R. BIPUSTULATUS *Fab. Steph.* Not uncommon.  
dispar var. *b. Payk.*  
*c. Gyll.*  
bipunctatus *Herbst.*
- R. CYLINDRICUS *Steph.* Berwickshire and Aberdeenshire.  
Mr Hardy.
- TROGOSITA *Oliv. Steph.*
- T. MAURITANICA *Lin. Oliv.* A single specimen taken in the town  
caraboides *Fab.* of Edinburgh. A. Murray.

## FAMILY COLYDIIDÆ.

- SARROTRIUM *Ill. Steph.*
- ORTHOCERUS *Lat.*
- S. CLAVICORNE *Lin.* Dalmeny. A single specimen.  
muticum *Lin. Fab. Steph.* Rev. W. Little.  
hirticornis *De Geer.*
- DITOMA *Illiger.*
- BITOMA *Herbst, Steph.*  
SYNCHITA *Duft.*

- D. *CRENATA* *Fab. Steph.* Duddingston and south of Scotland.  
     *var. rufipennis* *Fab.* *Ent. Edin.*  
     *picipes* *Oliv.*

## FAMILY CRYPTOPHAGIDÆ.

*SYLVANUS* *Lat. Gyll. Steph.*

*LYCTUS* *Fab.*

- S. *FRUMENTARIUS* *Fab.* In Edinburgh. Imported with sugar  
     *sexdentatus* *Fab.* from abroad. *A. Murray.*  
     *Surinamensis* *Lin. Steph.*
- S. *BIDENTATUS* *Fab. Duft.* Common ; likewise imported.  
     *sulcatus* *Fab.*  
     *dentatus* *Marsh. Steph.*

*TELMATOPHILUS* *Heer.*

*CRYPTOPHAGUS* *Gyll. Steph.*

*LIMNESIUS* *Dej.*

*TYPHLEA* *Kirby.*

- T. *TYPHLEA* *Fallen, Heer, Steph.* Near Dunse, and Simprim, Berwickshire.
- T. *CARICIS* *Oliv. Steph.* Dollar. Lochend, near Edinburgh.  
     *Mr J. T. Syme.* *A. Murray.*

*ANTHEROPHAGUS* *Kusch.*

*Lat. Steph.*

- A. *SILACEUS* *Herbst, Steph.* Rare. Fifeshire. *A. Murray.*  
     *(not Gyll.)*
- A. *PALLENS* *Gyll. Steph.* Scarce. Edinburgh, Dumfriesshire,  
     Dollar, Berwickshire.

*CRYPTOPHAGUS* *Herbst,*

*Lat. Steph.*

- C. *LYCOPERDI* *Fab. Steph.* Not uncommon.  
     *Fungorum* *Panz. Sturm.*
- C. *SCANICUS* *Lin.* Common.  
     *cellaris* *Fab. Payk. Steph.*  
     *(not Scopoli.)*  
     *humeralis* *Steph.*  
     *denticulatus* *Marsh.*  
     *var. cellaris* *Sturm.*  
     *patruelis* *Sturm.*

- C. FUMATUS *Gyll. Steph.* Occasional.
- C. BITUBERCULATUS *Kirby, Steph.* Jedburgh, and also in Argyllshire.  
*Ent. Edin.*
- PARAMECOSOMA *Curt. Erich. Steph.*
- P. ABIETIS *Payk. Gyll.* Common.  
*Ulicis (Cryptophagus) Kirby, Steph.*
- P. MELANOCEPHALA *Herbst.* Cramond Park. Very rare. Near  
*fungorum Gyll.* Paisley. *Rev. W. Little.*  
*bicolor Curtis, Steph.* Mr M. Young.
- ATOMARIA *Kirby, Heer, Steph.*
- A. NIGRIPENNIS *Payk. Gyll.* Cramond and Dalmeny woods.  
*Steph.*  
*ruficollis Panz.*
- A. MESOMELAS *Herbst. Erich.* Among the roots of grass. Not  
*Steph.* common. *Ent. Edin.*  
*phæorrhæa Marsh.*  
*globula Gyll.*  
*dimidiata Marsh. Steph.*  
*var. guttula Manner.*
- A. ATRA *Herbst. Gyll.* Common.  
*fimetaria Payk.*  
*nitidula Marsh.*  
*carbonaria Kirby, Steph.*
- A. UMBRINA *Gyll.* Near Edinburgh. Dalmeny; Ravel-  
*fuscata Heer.* stone; Paisley; Berwickshire;  
*nigriventris Kirby, Steph.* Dumfriesshire, &c.
- A. TERMINATA *Heer, Er.* Salisbury Craigs. A. Murray.
- A. LINEARIS *Steph.* Raehills. Rev. W. Little.  
*pygmæa Heer.*  
*Dumetorum Dej.*
- A. RUFA *Chevrier.* Common.  
*basella Kirby, Steph.*
- A. ATRICAPILLA *Kirby, Steph.* Berwickshire. Mr Hardy.
- A. NIGRICEPS *Erich.* Dumfriesshire. Rev. W. Little.
- A. PUSILLA *Payk. Gyll.* Raehills; Nenthorn.  
*phæogaster Marsh. Steph.*  
*thoracica Steph.*  
*ruficornis Marsh. Steph. ?*

- A. FUSCIPES *Gyll. Sturm. Steph.* Berwickshire ; Dumfriesshire.  
concolor *Minkel.*
- A. TURGIDA *Erich.* Paisley. Mr M. Young.
- EPHISTEMUS *West. Steph.*
- E. GLOBULUS *Payk. (not Heer.)* Occasional near Edinburgh. Ber-  
gyrinoides *Marsh. Steph.* wickshire ; Aberdeenshire.  
nigriclavus *Steph.*  
nitens (*Phalacrus*) *Marsh. Steph.*  
piceorrhæus (*Phalacrus*)  
*Marsh. Steph.*  
pulchellus (*Phalacrus*) *Marsh.*  
*Steph.*
- E. DIMIDIATUS (*Phalacrus*) Dumfriesshire. Rev. W. Little.  
*Sturm.*  
confinis *Steph.*  
globulum *Heer.*
- MYCETÆA *Kirby, Steph.*
- M. SUBTERRANEA *Fab.* Near Edinburgh. Raehills ; Blair-  
fumata *Marsh. Steph.* lodge, near Falkirk. Rare. Ber-  
hirta *Marsh. Steph.* wickshire.
- TETRATOMA *Fab. Steph.*
- T. FUNGORUM *Fab. Steph.* " Jedburgh." *Ent. Edin.*  
bicolor *Marsh.*
- T. ANCORA *Fab. Steph.* Rare. Cramond ; Girrick, Nen-  
thorn ; Paisley.

## FAMILY LATHIRIDIIDÆ.

### MONOTOMA *Herbst. Lat.* *Steph.*

- M. PICIPES *Herbst. Steph.* Hot-beds. Common.
- M. QUADRICOLLIS *Aubé.* Near Slateford. Near Glasgow.  
angustata *Marsh. Steph.* A. Murray. Mr R. Hislop.  
picipes *Gyll. var. b.*  
bicolor *Villa, Dej.*  
pallida *Steph.*

### LATHIRIDIUS *Herbst. Illig.* *Steph.*

- L. LARDARIUS** *De Geer, Steph.* Near Edinburgh ; Dollar, &c.  
*acuminatus Kugelan.*  
*quadratus Herbst.*  
*rugicollis Marsh.*
- L. ELONGATUS** *Curtis.* Devouring an old Greek author—in  
*angustatus Steph.* Paisley. Mr M. Young.
- L. TRANSVERSUS** *Oliv. Steph.* Wall tops. Common.  
*sculptilis Hum. Gyll.*  
*transversalis Dej.*  
*asperatus Meg.*  
*crassicornis Kirby.*
- L. PORCATUS** *Herbst, Steph.* Wall tops ; in houses ; on bark, &c.  
*marginatus Payk.*  
*pullus Marsh.*  
*var. ferrugineus Marsh.*
- L. NODIFER** *Westw.* Dalmeny Park. Mr R. N. Greville.  
*testaceus Waterh. Steph.*

### CORTICARIA *Marsh. Steph.*

- C. PUBESCENS** *Ill. Steph.* Old walls, outhouses, &c.  
*fenestralis Fab. (not Lin.)*  
*longicornis Herbst.*  
*punctulata Marsh.*  
*var. castaneipes Meg.*
- C. CRENULATA** *Schüpp. Steph.* More scarce. Sea-coast, Berwicksh.
- C. FERRUGINEA** *Marsh. Steph.* At the roots of grass in shady places ;  
*fenestralis Lin. (not Fab.)* Edinburgh, Dollar, &c.
- C. ELONGATA** *Schüpp. Steph.* Dalmeny Park ; Kinross-shire.
- C. GIBBOSA** *Herbst, Gyll. Steph.* Wall tops. Common.  
*minuta Fab.*  
*impressa Marsh.*
- C. TRANSVERSALIS** *Schüpp.* Raehills, Dumfriesshire ; Berwick-  
*Steph.* shire.

## FAMILY DERMESTIDÆ.

### BYTURUS *Lat.*

- B. TOMENTOSUS** *Fab. Steph.* Common.  
D

DERMESTES *Lin.*

- D. MURINUS *Lin. Steph.* Near Edinburgh. Scarce.  
     *nebulosus De Geer.*  
     *catta Panz.*  
     *roseiventris (Peir.)*
- D. LARDARIUS *Lin. Steph.* Near Edinburgh. Berwickshire.  
     Occasional.

ATTAGENUS *Lat.*

- A. TRIFASCIATUS *Fab. Steph.* Taken by Dr Leach near Edinburgh.  
     *Steph. Illustr.*
- A. PELLIO *Lin. Steph.* Occasional, near Edinburgh.  
     *bipunctatus De Geer.*  
     *cylindricornis Schrank. ♂*  
     *Schrankii Kugelan.*  
     *ater Herbst.*  
     *marcellarius Fab. ♀*

ANTHRENUS *Geoff.*

- A. SCROPHULARIÆ *Lin. Steph.* Very rare. Near Edinburgh.  
     *var. Histrio Fab. Ent. Edin.*  
     *Verbasci Herbst, (not Oliv.*  
     *nor Fab.)*
- A. VARIUS *Fab. (not Steph.)* Dalmeny Park ; Girrick ; near Cold-  
     *Verbasci Oliv. Steph.* stream.  
     *tricolor Herbst.*  
     *pictus Meg.*  
     *Scrophulariæ Sum.*
- A. MUSÆORUM *Lin. Steph.* Jedburgh. Rev. W. Little.  
     *Verbasci Fab.*  
     *fuscus Oliv.*  
     *obscurus Schön.*  
     *varius Steph. (not Fab.)*

## FAMILY GEORYSSIDÆ.

GEORYSSUS *Lat.*

- G. PYGMÆUS *Fab. Steph.* River Annan, near Moffat. *Ent. Edin.*  
     *dubius Panz.*  
     *crenulatus Rossi.*



## FAMILY BYRRHIDÆ.

ASPIDIPHORUS *Lat.*

- A. ORBICULATUS *Gyll. Steph.* In moss, Berwickshire ; Kirkpatrick  
*Viennensis Zeig.* Juxta, Dumfriesshire.

SIMPLOCARIA *Marsh.*

- S. SEMISTRIATA *Fab. Steph.* Occasional.  
*picipes Oliv. Steph.*

BYRRHUS *Lin.*

- B. PILULA *Lin. Steph.* Occasional. On the summits of high  
hills ; Edinburgh ; Kinross-shire ;  
Forfarshire ; Sutherland, &c.
- B. FASCIATUS *Lin. Fab. Steph.* Musselburgh ; Fife ; Berwickshire,  
(not *Herbst.*) on heaths ; Sutherland, &c.
- B. DORSALIS *Fab. Steph.* (not *Panz.*) Near Edin. ; Forfarsh. ; Grampians.

CYTILLUS *Erich.*BYRRHUS *Fab. Steph.*

- C. VARIUS *Fab.* Not scarce.  
*maculatus Herbst.*  
*sericeus Steph.*  
*bicolor Marsh.*  
*pilula De Geer.*

MORYCHUS *Erich.*BYRRHUS *Fab. Steph.*

- M. ÆNEUS *Fab. Steph.* Very scarce near Edinburgh. Dum-  
friesshire ; more plentiful in Ar-  
gyllshire and Ayrshire ; and abun-  
dant on the sandy links of Aber-  
deen ; also found at St Kilda.

## FAMILY THROSCIDÆ.

THROSCUS *Lat. Steph.*

- ELATER *Lin. Oliv.*  
TRIXAGUS *Kugel.*

- T. DERMESTOIDES *Lin. Steph.* Pentlands. Paisley and Glasgow.  
     *clavicornis Oliv.*  
     *adstrictor Fab.*

## FAMILY HISTRIDÆ.

### HISTER *Lin.*

- H. UNICOLOR *Lin. Steph.* Occasional.  
 H. CADAVERINUS *Ent: Heft.* Not scarce.  
     *Steph.*  
     *brunneus Illig.*  
     *impressus Fab.*  
 H. NEGLECTUS *Germ. Steph.* Near Edinburgh; Queensferry, Fife,  
     Forfarshire.  
 H. CARBONARIUS *Ent: Heft.* Occasional.  
     *Steph.*  
     *striatus Illig.*  
 H. PURPURASCENS *Payk. Steph.* Occasional.  
 H. BIMACULATUS *Lin. Steph.* Portobello; Queensferry; Glasgow.  
 H. DUODECIMSTRIATUS *Payk.*  
     *Steph.* Raehills. Rev. W. Little.

### DENDROPHILUS *Leach,* *Erich. Steph.*

#### HISTER *Lin.*

- D. PUNCTATUS *Payk. Steph.* Under bark of trees at Cramond.

### SAPRINUS *Erich. Steph.*

#### HISTER *Payk.*

- S. ROTUNDATUS *Ill. Steph.* Cramond; Edinburgh and Glasgow.  
     *conjugatus Ill.* Not common.  
 S. ÆNEUS *Fab. Steph.* Common in cow-dung in summer  
     months.  
 S. MARITIMUS *Kirby, Steph.* Under carcasses on shores of Firth of  
     Forth.  
 S. NITIDULUS *Fab. Steph.* Edinburgh, Dumfries, Kinross shires,  
     *acuminatus Fab.* &c. Common.  
     *semistriatus Ent: Heft.*

### ONTHOPHILUS *Leach,* *Erich. Steph.*

- O. STRIATUS *Fab. Steph.* Occasional.  
           *sulcatus Oliv. (not Fab.)*
- ABRÆUS *Leach, Lat. Steph.*
- A. GLOBOSUS *Ent: Heft. Steph.* Near Edinburgh. Near Peterhead.
- A. NIGRICORNIS *Ent: Heft. Payk.* Raehills. Rev. W. Little.  
           *minutus Fab. Steph.*
- 

## FAMILY SCARABÆIDÆ.

### DIVISION LUCANIDÆ. *M<sup>c</sup>Leay.*

#### PLATYCERUS *Geoff. Lat.* *Steph.*

LUCANUS *Lin.*

CERUCHUS *M<sup>c</sup>L.*

- P. CARABOIDES *Lin. Steph.* Aberdeenshire. *Ent. Edin.*

#### SINODENDRON *Fab.*

- S. CYLINDRICUM *Lin. Steph.* Black Forest, Perthshire. Dr Nelson.

### DIVISION GEOTRUPIDÆ.

#### GEOTRUPES *Lat.*

- G. STERCORARIUS *Lin. Steph.* Common throughout Scotland.  
           ♂ *spiniger Marsh.*
- G. MUTATOR *Marsh. Steph.* Galloway. Mr J. T. Syme.  
           *stercorarius Herbst.*  
           *politus Malin.*
- G. PUNCTATOSTRIATUS *Kirby,*  
           *Steph.* Dollar and Aberdeensh. Mr J. T. Syme.
- G. SYLVATICUS *Panz. Steph.* Not uncommon.  
           *stercorosus (Hart.) Scriba.*
- G. VERNALIS *Lin. Steph.* Cheviots; Benlomond; Sutherland-  
           *lævis Curt. Steph.* shire.

#### CERATOPHYUS *Fisch.*

GEOTRUTES *Lat. Dej.*

TYPHÆUS *Leach, Steph.*

- C. *TYPHLEUS* *Lin.* Forfarshire. Misses Lyell. *Ent. Edin.*  
*vulgaris* *Leach, Steph.*

## DIVISION COPRIDÆ.

ONTHOPHAGUS *Lat.*

- O. *OVATUS* *Lin. Steph.* Plentiful in sheep's dung on south  
 ♂ *var. fucatus* *Muls.* side of Arthur Seat. Dollar.

## DIVISION APHODIIDÆ.

COLOBOPTERUS *Muls.**APHODIUS* *Ill. Steph.*

- C. *ERRATICUS* *Lin. Steph.* Seaton, near Dunbar; Berwickshire.

OTOPHORUS *Muls.**APHODIUS* *Ill. Steph.*

- O. *HÆMORRHOIDALIS* *Lin. Steph.* Fields near Colinton, and irrigated  
*alpinus* *Scopoli.* meadows at Restalrig. *Ent. Edin.*  
*granarius* *Fab.*

TEUCHESTES *Muls.**APHODIUS* *Ill. Steph.*

- T. *FOSSOR* *Lin. Steph.* Common.

*APHODIUS* *Ill. Steph.*

- A. *SCYBALARIUS* *Fab. Steph.* Near Edinburgh, Fife, &c. Not very  
*conflagratus* *Herbst.* common.  
*conspurcatus* *Müller.*  
*coprinus* *Marsh.*

- A. *RUFIMANUS* *Steph.* Argyllshire. Rev. W. Little.

- A. *FIMETARIUS* *Lin. Steph.* Common.

- A. *LAPPONUM* *Schön. Gyll.* Forfarshire; Perthshire; Berwick-  
*Rhenonum* *Zett.* shire; hills near Moffat.  
*subalpinus* *Hardy.*

- A. *ATER* *De Geer, Ill. Muls.* Common.  
*terrestris* *Fab. Steph.*  
*obscurus* *Marsh.*  
*var. A. terrenus* *Muls.*  
 (not *Kirby, Steph.*)

- A. *TERRENUS* *Kirby, Steph.* Fifeshire. A. Murray.  
*pusillus* *Marsh.*

- A. QUADRIMACULATUS *Lin.*  
*Steph.* Pentlands. Mr R. Logan.  
quadripustulatus *Fab.*  
sanguinolentus *Panz.*
- A. ULIGINOSUS *Hardy.* Berwickshire; Grampians in Forfarshire.
- A. PUSILLUS *Herbst, Schön. Steph.* Musselburgh. Mr J. Howden.  
granarius *Fab. Illig. Steph.*  
granum *Gyll. Steph.*
- A. SORDIDUS *Fab. Ill. Steph.* Not common. Near Edinburgh; Fife.  
var. rufescens *Fab. Muls.* Common in Berwickshire; and near Dunbar, in East Lothian.
- A. MERDARIUS *Fab. Steph.* Common.  
quisquilius *Schrank.*
- A. MELANOPUS *Kirby, Steph.* Not common.
- A. MELANOSTICTUS (*Schüp*)  
*Schmidt.* Near Edinburgh. Not common.  
conspurcatus *Fab. Steph.* *Ent. Edin.*
- A. INQUINATUS *Herbst, Steph.* Dollar; Kinross-shire; Fife; near Edinburgh; Berwickshire.  
distinctus *Müller.*  
vaginosus *Fuessly.*  
conspurcatus *Schrank.* (not *Fab.*)  
tessulatus (?) *Laich.*  
attaminatus *Marsh.*
- A. TESSULATUS *Creutz. Steph.* Arthur Seat.  
inquinatus *Oliv.*
- A. STICTICUS *Panz. Steph.* Near Edinburgh. *Ent. Edin.*  
nemoralis *Panz.*
- A. PORCUS *Fab. Steph.*  
anchoreta *Panz.*  
turpis *Marsh.*  
var. ruficrus *Marsh. Muls.* Dollar. Mr J. T. Syme.
- ACROSSUS *Muls.*  
APHODIUS *Ill. Steph.*
- A. RUFIPES *Lin. Steph.* Common.  
oblongus *Schrank.*
- A. LURIDUS *Fab. Steph.* Not rare.  
rufipes *Illig.*  
var. nigripes *Schön. Dej.*  
*Steph.* The commoner form.

- A. *DEPRESSUS* *Kugel. Steph.* Plentiful in Orkney; rare elsewhere.  
*nigripes* *Duft.* In bogs in Berwickshire; near Edinburgh.

MELINOPTERUS *Muls.*

*APHODIUS* *Ill. Steph.*

- M. *CONTAMINATUS* *Herbst. Steph.* Very common in autumn.  
*conspurcatus* *Oliv. (not Fab.)*
- M. *PRODROMUS* *Brahm. ♂ Steph.* Very plentiful in spring and summer.  
*contaminatus* *Herbst.*  
*consputus* *Duft.*  
*sphacelatus* *Zetter. ♀ Steph.*  
*conspurcatus* *Laich.*

HEPTAULACUS *Muls.*

*APHODIUS* *Ill. Steph.*

- II. *SUS* *Herbst, Steph.* Taken most abundantly by J. Rawlins, Esq., in a field by Ravelston wood, near Edinburgh.  
*pubescens* *Oliv.* Dr Leach in *Steph. Illust.*

DIASTICTUS *Muls.*

*PSAMMODIUS* *Sturm, Dej.*  
*Steph.*

- D. *VULNERATUS* *Sturm.* Scarce. Avon, near Linlithgow.  
*Sabuleti* *Ill. Steph.* Under stones near Musselburgh.  
*semipunctatus* *Bon.*

DIVISION TROGIDÆ.

ÆGIALIA *Lat.*

- Æ. *ARENARIA* *Fab.* Shores of Firth of Forth. Occasional.  
*globosa* *Kug. Steph.*

TROX *Fab.*

- T. *SCABER* *Lin. Steph.* Jardine Hall. Sir Wm. Jardine, Bart.  
*arenosus* *Gmel. (not Gyll.)*  
*arenarius* *Fab. (not Payk.)*  
*barbosus* *Laich.*  
*hispidus* *Payk, (not Laich.)*

DIVISION MELOLONTHIDÆ.

MELOLONTHA *Fab.*

- M. *VULGARIS* *Fab. Steph.* Dalkeith Park, Lanark, Sorn, Rae-hills, and Moffat; Glencoe, &c.  
*majalis* *Molli.*

- M. HIPPOCASTANI *Fab. Steph.* Hamilton, Falkirk, and Levenside.  
vulgaris, var. *Oliv.* Mr Hislop.

ANOMALA *Koppe, Steph. Muls.*

EUCHLORA, *M'Leay, Muls.*

- A. FRISCHII *Fab. Steph.* Sea-shore, Guillane Links; near  
(not *Panz.*) Montrose; Ayrshire.  
*Julii Payk.*

PHYLLOPERTHA *Kirby.*

- P. HORTICOLA *Lin. Steph.* Pentlands, Aberdeensh., Sutherland,  
Argyllshire.

—— var. b. *Heer.* }

—— var. D. *Muls.* }

var. suturalis *Newm.* }

Ayrshire.

Sutherland.

Mr J. T. Syme.

Mr James Wilson.

SERICA *M'Leay.*

- S. BRUNNEA *Lin. Steph.* Generally distributed throughout  
*fulva De Geer.* Scotland. A crepuscular insect.  
*fulvescens Fourc.*

#### DIVISION CETONIDÆ.

TRICHIUS *Fab.*

- T. FASCIATUS *Lin. Fab. Steph.* Perthsh., Inverness, Aberdeensh., &c.  
*succinctus Lat.* Most abundant on banks of the  
Caledonian Canal.

CETONIA *Fab.*

- C. AURATA *Lin. Steph.* Wigtonshire, Ayrshire.

- C. OBSCURA *Dej.\** Black Forest, Perthshire.

Mr Weaver. Dr Nelson.

#### FAMILY BUPRESTIDÆ.

AGRILUS *Curtis.*

- A. LITTLEI *Schuck.* About three dozen specimens found,  
on one occasion, on the willow at  
Raehills, in the month of June.

Rev. W. Little.

\* C. OBSCURA *Dej.* is considered by recent authors a mere variety of C. *ÆNEA Illig.* produced by climate or food; but as it is sufficiently distinct to be readily recognised, and is well known on the Continent by this name, I have preferred to keep it a distinct species.—A. M.

## FAMILY ELATERIDÆ.

MELANOTUS *Esch. L. Redtenbacher.*CRATONYCHUS *Dej.*

- M. RUFIPES *Herbst.* Near Edinburgh ; Black Forest,  
fulvipes *Herbst, Steph.* Perthshire ; Dumfriesshire.

LACON *Laporte, L. Redten.*AGRYPNUS *Esch. Dej.*LEPIDOTUS *Steph.*

- L. MURINUS *Lin. Steph.* Not rare.

ATHOUS *Esch.*

- A. HIRTUS *Herbst.* Common.  
aterrimus *Fab.*  
niger *Oliv. Steph.*

- A. LONGICOLLIS *Fab. Steph.* Dalmeny Park, near Edinburgh.  
marginatus *Payk.*  
marginellus *Herbst.*

- A. HÆMORRHOIDALIS *Fab. Steph.* Common.  
ruficaudis *Gyll.*  
 analis *Herbst.*  
var. obscurus *Payk.* Dollar.

Mr J. T. Syme.

- A. VITTATUS *Fab. Steph.* Occasional.  
subfuscus *Gyll.*  
stricticollis *Panz.*

CAMPYLUS *Fisch.*EXOPHTHALMUS *Lat.*HAMMONIUS *Meg.*

- C. LINEARIS *Fab. Steph.* In rotten birch and alder stumps,  
♂ dispar *Payk.* Berwickshire ; Dumfries ; Dollar.

LIMONIUS *Esch. Redten.*

- L. CYLINDRICUS *Payk. Steph.* Rare. Raehills ; East Lothian ;  
Berwickshire.

- L. SERRATICORNIS *Payk. Steph.* Near the village of Denholm, Rox-  
serricornis *Herbst.* burghshire. *Ent. Edin.*

- L. MINUTUS *Lin. Steph.* Scarce. Near Edinburgh ; Ber-  
nitidicollis (*Meg.*) wickshire.



CARDIOPHORUS *Esch. Redten.*APLOTARSUS *Steph.*CALODERUS *Steph.*

- C. RUFIPES *Fab. Steph.* Cramond; Berwickshire, &c. Not scarce.
- C. QUERCUS *Steph.* In company with *C. rufipes*. Perhaps one of the sexes of that species.
- C. EQUISETI *Herbst, Steph.* Rare. Woods near Mortonhall.  
*filiformis Rossi.* *Ent. Edin.*  
*pilosus Herbst.*
- C. TESTACEUS *Fab. Steph.* Dalmeny; south side of Blackford  
*fugax Fab.* Hill; Berwickshire, &c.

ELATER *Lin. Esch.*AMPEDUS (*Meg.*) *Dej.*

- E. LYTHROPTERUS *German.* Raehills, in decayed birch-trees during winter. Very rare.  
*sanguineus Steph. (not Lin.)* *Rev. W. Little.*  
*semiruber Hoff. Steph.*
- E. BALTEATUS *Lin. Steph.* East Lothian, Pentlands, Renfrewshire, and Lanarkshire.
- E. USTULATUS *Payk. Steph.* Castle Campbell wood, Dollar.  
*Mr J. T. Syme.*
- E. MARITIMUS *Curtis, Steph.* Ballachulish; water of Dryfe.  
*Mr Curtis.* *Rev. W. Little.*

CRYPTOHYPNUS *Esch. Dej.*HYPNOIDUS *Steph.*

- C. RIPARIUS *Fab. Steph.* Very common.  
*æneus Marsh.*  
*littoreus Herbst.*
- C. QUADRIPUSTULATUS *Fab.* Banks of Kinnel. *Rev. W. Little.*  
*(not Steph.)*  
*Agricola Zetter. Steph.*  
*quadrum Gyll.*
- C. DERMESTOIDES *Herbst, Steph.* Not unfrequent under stones on the  
*quadripustulatus Gyll. var.* banks of streams.  
*Steph.*  
*minimus Dej.*

CORYMBITES *Lat.*LUDIUS *Dej.*CTENICERUS *Steph.*

- C. CUPREUS *Fab. Steph.* Common.  
*chalybeus Sow. Steph.*
- C. PECTINICORNIS *Lin. Steph.* Kinross-shire, Berwicksh., Mull, &c.
- C. TESSELLATUS *Lin. Steph.* Dunoon, Argyllsh.; Black Forest, in  
*var. assimilis Gyll.* Perthshire; Clova Mountains, in  
 Forfarshire; Berwickshire.

DIACANTHUS *Lat.*LUDIUS *Lat. Dej.*

- D. HOLOSERICEUS *Fab. (Lepi-* Occasional.  
*dotus) Steph.*
- D. ÆNEUS *Lin. (Selatosomus)* Local. Arthur Seat and Salisbury  
*Steph.* Craigs; Traprain Law. Not very  
*var. a impressus Marsh.* common in other parts of the  
*— b Germanus Lin.* country.  
*— c cyaneus Marsh.*

AGRIOTES *Esch.*CATAPHAGUS *Steph.*

- A. SEGETIS *Bierh. Gyll.* Not common. Near Edinburgh,  
*lineatus Lin. Steph.* Dumfriesshire, &c.  
*striatus Fab.*
- A. OBSCURUS *Lin. Gyll. Steph.* Very common.  
*variabilis Payk. Fab.*
- A. SPUTATOR *Lin. Gyll. Steph.* Berwickshire.

SERICOSOMUS *Serv.*SERICUS *Esch. Steph.*

- S. BRUNNEUS *Lin. Fab. Steph.* Rare. Raehills; Black Forest, in  
 Perthshire; Mull.
- S. FUGAX *Fab. Steph.* Raehills. Rev. W. Little.

DOLOPIUS *Esch. Steph.*

- D. MARGINATUS *Lin. Steph.* Occasional.  
*lateralis Oliv.*  
*dorsalis Payk.*  
*tenellus Beck.*  
*sticticus Panz.*  
*suturalis Marsh.*  
*var. fulvus, Marsh.*

ADRASTUS *Esch. Steph.*

- A. LIMBATUS *Fab. Steph.* Common.

## FAMILY CYPHONIDÆ.

ATOPA *Payk. Steph.*

A. CERVINA *Fab. Lin. Steph.* Occasional.

ELODES *Lat.*

CYPHON *Payk. Fab. Steph.*

E. LIVIDA *Fab. Steph.* Near Edinburgh ; Swinton.

tenella *Oliv.*

pallida *Payk.*

mollis *Marsh.*

testaceus *Steph.* (not *Dej.*)

obscurus *Steph.*

assimilis *Steph.*

E. VARIABILIS *Thun.* Near Edinburgh ; Berwickshire.

pubescens *Fab. Steph.*

Not scarce.

minuta *Oliv.*

dorsalis *Marsh.*

E. COARCTATA *Payk.* Near Edinburgh ; Raehills ; Dollar ;  
Berwickshire, &c.

livida *Fab.*

grisea *Fab. Steph.*

concolor *Marsh.*

fuscescens *Lat.*

variabilis var. *Thun.*

E. PADI *Lin. Steph.* Dumfriesshire ; Alloa ; near Dunse.

coarctata var. *Payk.*

discolor *Panz.*

pusilla *Dej.*

var. ater *Steph. ?*

E. MARGINATA *Fab. Steph.* Not common. Near Edinburgh ;  
Dollar, &c.

var. pallida *Payk.* (not  
*Fab.*)

circumfusa *Marsh.*

nimbata *Panz.*

var. limbata *Dej.*

E. DEFLEXICOLLIS *Müller.* Berwickshire ; on the Whitadder, be-  
low Abbey St Bathans ; Girrick.

Pini *Curtis.*

nigricans *Dej.*

pellucens *Melsh.*

E. PALLIDA *Fab. Oliv.* Occasional in woods.

melanura *Fab. Steph.*

var. laeta *Panz. Steph.*

minuta *Lin.*

## FAMILY TELEPHORIDÆ.

DICTYOPTERUS *Lat.*LYCUS *Fab. Lat.*

- D. AURORA *Fab.* Rannoch in Perthshire. Mr Weaver.  
*coccinea Lin.*

LAMPYRIS *Lin. Dej.*  
*Steph.*

- L. NOCTILUCA *Lin. Fab. Steph.* In some plenty in the southern parts  
of Kirkcudbrightshire and Wig-  
tonshire; abundant in the east of  
Berwickshire; also found in Dum-  
friesshire, Argyllshire, &c.

PODABRUS *Fischer.*CANTHARIS *Fab. Dej.*TELEPHORUS *Oliv. Steph.*

- P. ALPINUS *Payk. Steph.* Dollar. Abundant in June. Hamil-  
ton; Penmanshiel wood.

TELEPHORUS *Oliv. Steph.*CANTHARIS *Fab. Dej.*

- T. FUSCUS *Lin. Steph.* Near Edinburgh. *Ent. Edin.*  
*anticus Märk. Dej.*
- T. RUSTICUS *Fallen. Gyll. Steph.* Generally distributed.
- T. DISPAR *Fab. Steph.* Common.  
*lividus Illig. (not Fab.*  
*Steph.)*
- T. PELLUCIDUS *Fab. Gyll. Steph.* Not rare.
- T. CYANIPENNIS *Zieg. Dej.* Occasional. Edinburgh; Fife; For-  
*cyaneus Curt. Steph.* far; Kinross; Berwickshire, &c.
- T. NIGRICANS *Fab. Gyll. Steph.* Common.
- T. OBSCURUS *Lin. Steph.* Near Dollar. Mr J. T. Syme.
- T. FLAVILABRIS *Gyll. Steph.* Occasional. Near Edinburgh;  
Dollar; Berwickshire, &c.
- T. PULICARIUS *Fab. Steph.* Raehills; Forfarshire.
- T. LIVIDUS *Fab. Steph.* Occasional throughout Scotland.
- T. BICOLOR *Fab. Steph.* Common.
- T. PILOSA *Payk. Gyll. Steph.* Penmanshiel wood, in East Lothian.  
*rufotestaceus Letzn.* Scarce. Mr James Hardie.
- T. LITURATUS *Gyll. Steph.* Dalmeny; Raehills; Berwickshire.

RAGONYCHA *Esch.*CANTHARIS *Fab. Dej.*TELEPHORUS *Oliv. Steph.*

- R. PALUDOSA *Fallen. Gyll.* In swamps and bogs, Berwickshire.  
aethiops *Curtis.* Mr Hardy.
- R. MELANURA *Fab. Panz. Steph.* Common everywhere in autumn.
- R. TESTACEA *Lin. Gyll. Steph.* Not scarce.
- R. PALLIDA *Fab. Steph.* Common.  
pallipes *Fab. Illig. Steph.*
- R. ATRA *Lin. Steph.* Kingussie; Aberdeenshire.  
Iridis *Marsh.* Mr J. T. Syme.

MALTHINUS *Lat. Dej. Steph.*TELEPHORUS *Oliv.*CANTHARIS *Lin. Fab.*

- M. FLAVEOLUS *Herbst, Steph.* Dalmeny; East Lothian; Dollar;  
Berwickshire, &c.
- M. BIGUTTULUS *Payk. Steph.* Generally distributed.
- M. BIGUTTATUS *Lin. Steph.* Generally distributed.
- M. SANGUINICOLLIS *Sch. Steph.* Occasional. Near Edinburgh; Ber-  
sanguinolentus *Gyll.* wickshire.  
ruficollis *Lat.*  
fulvicollis *Kirb. Steph.*
- M. MINIMUS *Lin. Gyll.* Berwickshire. Mr James Hardy.  
marginatus *Lat. Steph.*
- M. MELANOCEPHALUS *Marsh.* Berwickshire. Mr James Hardy.  
*Steph.*
- M. CONCOLOR *Kirb. Steph.* Dalkeith Park. A. Murray.
- M. BREVICOLLIS *Payk. Steph.* Dunglass. Berwickshire. Dum-  
friesshire, &c.

## FAMILY MALACHIIDÆ.

MALACHIUS *Fab.*

- M. VIRIDIS *Fab. Steph.* Ormiston. Mr Logan.  
bipustulatus var. ♂ *Illig.*  
(not *Lin. Fab.*)
- M. ÆNEUS *Fab. Steph.* Near Edinburgh. Ent. Edin.
- M. MARGINELLUS *Fab. Steph.* Shores of the Solway.  
Sir Wm. Jardine, Bart.
- DASYTES *Fab.*
- D. ÆRATUS *Steph.* Dalkeith Park. A. Murray.

**AMAURONIA** *Westwood.***APLOCNEMUS** *Steph.*

**A. IMPRESSUS** *Marsh. Steph.* Dalkeith Park. A. Murray.

**PHLOIOPHILUS** *Waterh.*

**PH. EDWARDSII** *Waterh.* Avon, near Linlithgow. Mr Hislop.

**PH. COOPERI** *Steph.* Raehills. Rev. W. Little.

**FAMILY CLERIDÆ.****THANASIMUS** *Lat.*

**TH. FORMICARIUS** *Fab. Steph.* Flisk, in Fifeshire; Perthshire;  
Forfarshire; Aberdeenshire, &c.

**NECROBIA** *Lat.*

**N. RUFICOLLIS** *Fab. Steph.* Very rare. Near Edinburgh; Dumfriesshire.

**N. VIOLACEA** *Lat. Dej.*  
*angustata Falder.*  
*quadra Marsh. Steph.*

Not rare. On bones, &c.

**N. RUFIPES** *Fab. Steph.*

Berwickshire—only once found.  
Mr James Hardy.

**FAMILY PTINIDÆ.****HEDOBIA** *Lat.***PTINUS** *Lin. Steph.*

**H. IMPERIALIS** *Lin. Steph.* On birch-trees near Jedburgh.  
*Ent. Edin.*

**PTINUS** *Lin.*

**P. SXPUNCTATUS** *Panz. Steph.* Old wood in houses, &c., in the  
Edinburgh district. *Ent. Edin.*

**P. FUR** *Lin. Steph.* Not very common. Edinburgh;  
*Germanus Fab.* Fife; Dumfries, &c.  
*clavipes Panz.*

**P. CRENATUS** *Fab. Gyll. Steph.* The commonest of the species.

**P. LICHENUM** *Marsh. Steph.* Raehills.

**P. HOLOLEUCUS** *Fald. Steph.* Plentiful in houses in Edinburgh.

**GIBBIUM** *Scopoli.*

**G. SCOTIAS** *Fab.* Arlary in Kinross-shire, among a  
parcel of dried plants from India.  
Dr G. W. Arnott.

MEZIUM *Leach.*M. SULCATUM *Fab.*

Edinburgh, among a consignment of decapods from Australia.

Dr Fleming.

## FAMILY ANOBIIDÆ.

ANOBIUM *Fab.*

- A. PANICEUM *Fab. Steph.* Cramond. Dr Greville and Rev. W. Little.  
 A. RUFIPES *Fab. Steph.* Raehills. Rev. W. Little.  
     *elongatum Payk.*  
 A. STRIATUM *Illig. Steph.* Common in old houses.  
     *pertinax Panz. (not Lin. Steph.)*  
 A. TESSELATUM *Fab. Gyll. Steph.* Raehills. Rev. W. Little.  
 A. MOLLE *Fab. Steph.* Forfarshire ; Kinross-shire ; Berwickshire ; near Edinburgh.  
 A. ABIETIS *Fab. Steph.* Near Edinburgh.  
     Mr Jas. Wilson. *Ent. Edin.*  
 A. ERYTHROPUM *Leach, Steph.* Ravelston Wood, near Edinburgh.  
     Mr Rawlins. *Steph. Illust.*  
 A. CASTANEUM *Oliv. Steph.* Alder trees at west end of Duddingston Loch ; in woods, Berwickshire.

CIS *Lat.*

- C. BOLETI *Scopoli, Steph.* Under bark, and in Polyporus versicolor. Near Edinburgh ; Dumfriesshire ; Kinross-shire.  
     *variabilis Fab.*  
     *picipes Herbst.*  
 C. RUGULOSUS *Manner. Mellié.* Dollar. Mr J. T. Syme.  
     var. *pyrocephalus Mellié.*  
     *Steph.*  
 C. NITIDUS *Fab. Steph.* Dumfriesshire ; Dollar ; near Edinburgh ; Berwickshire, &c.  
 C. BIDENTATUS *Oliv. Steph.* Raehills ; Glasgow.  
     ♀ *inermis Marsh.*  
 C. FESTIVUS *Panz. Gyll.* In Polyporus versicolor. Berwickshire. Rare. Mr James Hardy.  
     *pygmæus Marsh. Steph.*

PTILINUS *Geoff.*

- P. COSTATUS *Gyll.* Near Edinburgh ; Raehills, &c.  
     *flabellicornis Dej.*  
     *pectinicornis Illig.*

## FAMILY LYMEXYLONIDÆ.

HYLECÆTUS *Lat. Steph.*

LYMEXYLON *Fab.*

H. DERMESTOIDES, *Fab. Steph.* Black Forest, Rannoch.

♂ proboscideus *Fab.*

Mr R. Weaver.

## FAMILY BOSTRICHIDÆ.

TOMICUS *Lat.*

T. BIDENS *Fab. Steph.*

Edinburgh; Jedburgh; Dollar;

♂ bidentatus *Herbst.*

Raehills; Berwickshire; Glasgow.

♀ chalcographus *Payk. (not*

*Lin.)*

micrographus *Marsh.*

T. LARICIS *Fab. Steph.*

Dollar.

Mr J. T. Syme.

T. MONOGRAPHUS *Fab. Steph.*

Ormiston; East Lothian; Cramond.

## FAMILY HYLESINIDÆ.

HYLESINUS *Fab.*

H. CRENATUS *Fab. Duft. Steph.* Near Edinburgh; Kinross-shire;  
Forfarshire.

H. SCABER *Marsh. Steph.*

Raehills.

Rev. W. Little.

H. VARIUS *Fab.*

Occasional.

*Fraxini Fab. Steph.*

melanocephalus *Fab.*

pubescens *Fab.*

H. COADUNATUS *Marsh. Steph.*

Raehills.

Rev. W. Little.

H. SERICEUS *Marsh. Steph.*

Raehills.

Rev. W. Little.

HYLURGUS *Erich.*

H. PINIPERDA *Lin. Steph.*

Not rare in fir woods.

testaceus *Fab.*

HYLASTES *Erich.*

HYLURGUS *Lat. Dej. Steph.*

H. ATER *Payk. Steph.*

Common in fir woods.

chloropus *Duft.*

Boleti *Marsh.*

niger *Marsh.*



- H. ANGUSTATUS *Herbst. Steph.* Under bark of decaying firs, Berwickshire; Glasgow.
- H. OBSCURUS *Marsh. Steph.* Cramond; Hawthornden; Berwickshire.
- H. RUFESCENS *Steph.* Alloa. Mr J. T. Syme.
- H. RUFUS *Marsh. Steph.* Raehills. Rev. W. Little.
- H. RHODODACTYLUS *Marsh. Steph.* Near Edinburgh; Linlithgow; Kinross-shire; Berwickshire, &c.

## FAMILY CURCULIONIDÆ.

### RHYNCOLUS *Creutz. Germ.*

- R. CYLINDRIROSTRIS *Oliv.* Raehills. Rev. W. Little.  
*lignarius Marsh. Steph.*

### MESITES *Schön.*

#### COSSONUS *Dej. Steph.*

- M. TARDII *Vigors.* Kilmun. Mr J. McCall.

### SITOPHILUS *Schön.*

#### RHYNCOPHORUS *Herbst.*

#### CALANDRA *Clair. Steph.*

- S. GRANARIUS *Lin. Steph.* Near Edinburgh; Leith; Dollar, &c.  
*Segetis Lin.*  
*frumentaria Steph.*
- S. ORYZÆ *Lin.* Edinburgh. A single specimen, (introduced.)  
*frugilegus De Geer.* A. Murray.  
*granarius Stroem.*

### NANOPHYES *Schön.*

#### SPHÆRULA *Meg. Steph.*

#### NANODES *Schön.*

- N. LYTHRI *Fab. Steph.* Argyllshire. Rev. Geo. Little.  
*Salicariæ Oliv.*  
*pygmæus Herbst. Steph.*  
*fasciatus Villers.*  
*leucozonius Lin.*  
*transversus Oliv.*

MECINUS *Germ. Schön.**Steph.*

- M. PYRASTER *Herbst.* Near Edinburgh ; Dumfriesshire ;  
*semicylindricus Gyll. Steph.* Berwickshire ; Dollar, &c.  
 ♂ *Cerasi Payk.*

GYMNÆTRON *Schön. Steph.*MIARUS *Sch. Steph.*RHINUSA *Kirby, Steph.*

- G. PASCUORUM *Gyll.* One specimen taken near Swinton,  
*nanus Dej.* Berwickshire. Mr James Hardy.
- G. LINARIE *Panz.* Dalmeny Park. Dr. Greville.  
*teter Panz. (not Fab.)*
- G. VILLOSULUS *Schön.* Near Girrick. Mr Hislop.  
*dorsalis Oliv.*
- G. BECCABUNGÆ *Gyll. var. d. e.* On Veronica anagallis, near Stichell  
*Steph. (not Lin.)* and Swinton ; Dalmeny Park.  
*nigrum Walton.* Mr James Hardy. Mr R. N. Greville.
- G. LABIALIS *Herbst.* Near Stirling ; Swinton and Scaith-  
*tricolor Gyll. Marsh. Steph.* muir ; Glasgow ; Kinross-shire.

CIONUS *Clair. Steph.*CLEOPUS (*Meg.*) *Steph.*

- C. SCROPHULARIÆ *Lin. Steph.* On Scrophularia nodosa, and allied  
*Blattariæ Voet.* species of plants. Generally dis-  
*Verbasci Voet.* tributed.
- C. VERBASCI *Fab. Steph.* Dollar. Mr J. T. Syme.  
*Scrophulariæ var. ♂ Lat.*  
*tuberculosis Scop.*
- C. BLATTARIÆ *Fab. Steph.* On plants of the same families as the  
*bipustulatus Marsh.* preceding species. Not common.  
 Edinburgh ; Dumfriesshire ; Ber-  
 wickshire.

OROBITIS *Germ. Steph.*

- O. CYANEUS *Lin. Steph.* Near Edinburgh ; Stirlingshire ; East  
*globosus Lin.* Lothian ; Berwickshire.  
*giganteus Meg.*  
*hypoleucus Quensel.*  
*croceus Fab.*

## POOPHAGUS Schön.

CEUTORHYNCHUS Dej.

NEDYUS Steph.

P. SISYMBRII Fab. Steph.

Near Edinburgh ; Dumfriesshire ;  
Berwickshire ; East Lothian, &c.

## RHINONCHUS Schön. Steph.

CAMPYLIRHYNCHUS Meg. Dej.

R. INCONSPICUUS Herbst.

Raehills, Dumfriesshire.

suturalis Oliv.

Rev. W. Little.

crassus Marsh. Steph.

accipitrinus Reich.

R. CANALICULATUS Marsh. Steph. Raehills.

Rev. W. Little.

R. 4-TUBERCULATUS Fab. Steph. Berwickshire ; Dumfriesshire.

R. CASTOR Fab. Steph.

Raehills ; Cockburnlaw, Berwick-  
shire ; Brig of Turk, Perthshire ;  
Glasgow, &c.

Pericarpus var. Lin.

scabratus Fab.

fruticulosus Herbst.

seniculus Graven.

4-cornis Gyll. Dej. Steph.

var. flavipes Steven.

leucostigma Marsh. Steph.

rufipes Steph.

interstitialis Reic. Steph.

R. PERICARPIUS Fab. Steph.

Generally distributed.

Spartii Kirby, Steph.

## CEUTORHYNCHUS Schüppel.

NEDYUS Steph.

C. ASSIMILIS Payk. Gyll. Steph. Near Edinburgh ; Dollar ; Berwick-  
obstrictus Marsh. Steph. shire.

Alauda Herbst. (not Fab.)

C. DEPRESSICOLLIS Gyll.

Near Edinburgh ; Kirkpatrick Juxta,  
&c.

C. ERYSIMI Fab. Panz. Steph. Occasional.

chloropterus Kirby, Steph.

C. CONTRACTUS Marsh. Steph. Common.

minutus Sturm.

C. COCHLEARIE Gyll. Steph.

Raehills ; Edinburgh district, &amp;c.

- C. *TERMINATUS* *Herbst.* One specimen taken on sea-coast  
*hæmorrhoidalis* *Panz. Dej.* near Cockburnspath. Mr J. Hardy.  
*Steph.*  
*Sii Chev.*  
*rufitarsis Kirby.*
- C. *FLORALIS* *Payk. Gyll. Steph.* Occasional near Edinburgh. Kin-  
*Typhæ Herbst.* ross-shire.  
*sulculus Kirby.*  
*monostigma Marsh. Steph.*
- C. *PYRRHORHYNCHUS* *Marsh.* Raehills. Rev. W. Little.  
*Steph.*  
*erythrorhynchus Schön.*  
*phæorhynchus Marsh. Steph.*  
*var. ruficus Marsh. Steph.*
- C. *CONRICTUS* *Marsh. Steph.* Near Edinburgh ; Cramond, &c.
- C. *ERICÆ* *Gyll. Steph.* Moffat Hills ; Berwickshire, &c.  
*rufirostris Dej.*
- C. *ECHII* *Fab. Panz. Steph.* Near Edinburgh—south-east side of  
Arthur Seat.
- C. *VIDUATUS* *Gyll.* Dollar ; Dalmeny ; Kirkpatrick  
Juxta.
- C. *LITURA* *Fab. Gyll.* Occasional. Edinburgh ; Kinross-  
*cruciger var. Herbst.* shire ; Berwickshire.  
*ovalis Marsh. Steph.*
- C. *RUGULOSUS* *Herbst. (not* Raehills ; Milnegraden.  
*Steph.)*  
*Quercicola var. b. Payk.*  
*melanostigma Marsh. Steph.*  
*cinereus Marsh. Steph.*  
*scutellatus Steph.*
- C. *QUADRIDENS* *Panz.* Near Edinburgh ; Dalmeny ; Ber-  
*Borraginis Gyll. Steph.* wickshire.  
*Quercicola Marsh. Steph.*  
*(not Fab.)*  
*pallididactylus Marsh. Steph.*
- C. *MARGINATUS* *Payk. Gyll. Steph.* Raehills. Rev. W. Little.
- C. *POLLINARIUS* *Schh. Steph.* Very common.  
*dentatus Marsh.*  
*glaucus Dej.*  
*caliginosus Steph.*
- C. *SULCICOLLIS* *Gyll. Steph.* Common.  
*Alauda Fab.*  
*affinis Panz. Steph. Schh.*

- C. *CYANIPENNIS* Illig. Dalmeny.  
Rev. W. Little and Mr R. N. Greville.
- C. *TROGLODYTES* Fab. Steph. Pentlands; Arthur Seat; Craiglockhart; Berwickshire; Dumfriesshire, &c.  
var. *spiniger* Herbst.
- ACALLES Schön. Steph.  
TYLODES Guer. Dej.
- A. *ABSTERSUS* Schh. Roslin. Dr Greville and Rev. W. Little.  
Roboris Curtis.
- A. *PTINOIDES* Marsh. Steph. Roslin. Ravelston.  
echinatus Meg. Dr Greville. Rev. W. Little.  
nocturnus Chevr.
- CELIODES Schönherr.  
CEUTORHYNCHUS Steph.
- C. *QUERCUS* Fab. Steph. Near Edinburgh; Dollar; Berwickshire; Dumfriesshire, &c.  
pallens Marsh.  
melanorhynchus Marsh.  
Steph.
- C. *RUBER* Marsh. Steph. Near Edinburgh. Occasional. Penmanshiel wood.  
Quercus Olivier.  
rufirostris Spence, Steph.
- C. *RUBICUNDUS* Payk. Steph. Near Edinburgh; woods about Roslin; Raehills; Berwickshire.  
Quercus var. *b.* Payk.  
melanocephalus Marsh.  
Steph.
- C. *GUTTULA* Fab. Steph. Ravelston, near Edinburgh; Milnegraden, &c.  
carduelis Meg.  
fuliginosus Marsh. Steph.  
subcostatus Dej.  
ruficornis Steph.
- C. *SUBRUFUS* Herbst. Steph. Cramond and Raehills. Rev. W. Little.  
cinctus Rossi.  
tricinctus Walken.  
erythroleucus Lin.  
var. *subrufus* Gyll.
- C. *DIDYMUS* Fab. Steph. Very common.  
urticarius Clair.  
viduus Panz.  
albopunctatus Lin.  
bipunctatus Lin.  
tripunctatus Fourc.  
♂ oleraceus Scopoli.  
var. *gibbipennis* Germ.  
Urticæ Marsh. Steph.

- C. GERANII *Payk. Steph.* Ravelston, near Edinburgh; Arthur  
*affinis Payk.* Seat; Dollar; East Lothian; Ber-  
 wickshire, &c.

CRYPTORHYNCHUS *Illiger.*

- C. LAPATHI *Lin. Steph.* Coates, near Edinburgh.  
*albicaudis De Geer.* Sir P. Walker. *Ent. Edin.*  
*carbonarius Scopoli.*  
*trimaculatus Væl.*

BARIDIUS *Schön.*

BARIS *Germ. Lat. Steph.*

- B. T-ALBUM *Lin.* Halleaths Loch, on rushes.  
*Atriplicis Oliv. Lat. Steph.* Sir Wm. Jardine, Bart.  
*pilistriatus Steph.* Dunse; bogs in Berwickshire, &c.  
*funerus Herbst.* Mr Hardy.  
*nigrinus Herbst.*  
*hypoleucus Marsh.*  
*porolosus Lin.*

BAGOUS *Germ. Steph.*

- B. LUTULENTUS *Gyll. Steph.* Near Edinburgh. *Rev. W. Little.*  
*tibialis Steph.*  
*binotatus Steph.*

STYPHLUS *Schön.*

ORTHOCÆTES *Müller, Steph.*

- S. SETIGER *Beck, Schön. Steph.* Roxburghshire; near Corstorphine  
*setosus Dej.* hill.

ORCHESTES *Illig.*

- O. QUERCUS *Lin. Steph.* Woods near Edinburgh; Berwick-  
*Viminalis Fab.* shire, &c.  
*setosus Müll.*  
*Alni Herbst.*  
*var. depressus Steph.*
- O. SCUTELLARIS *Fab. Steph.* Raehills. *Rev. W. Little.*  
*rufus Schr. Marsh.*  
*Viminalis Besser. (not Fab.)*  
*Alni, var. c, Payk.*  
*stellaris, var. β, Gyll.*  
*flavus Sturm.*  
*testaceus Müller.*

- O. MELANOCEPHALUS *Oliv.* Dalmeny Park. Mr R. N. Greville.  
*ferrugineus Marsh. Steph.*  
*nigricollis Marsh. Steph.*  
*atricapillus Marsh. Steph.*
- O. ILICIS *Fab. Steph.* Near Edinburgh; Raehills.  
*Segetis De Geer (not Herbst.)*  
*pilosus Fab. Steph. (not Lat.)*
- O. FAGI *Lin.* Common.  
*Fragariæ Fab. Lat.*  
*Calcar Oliv. Lat. Steph.*  
*subater Müller.*  
*rhododactylus Marsh.*  
*rhodopus Marsh. Steph.*
- O. SIGNIFER *Creutz.* Raehills. Rev. W. Little.  
*Avellanæ Don. Steph.*  
*Salicis Lat.*  
*hortorum Lat.*
- O. RUSCI *Herbst.* On sallows and oaks, Penmanshiel  
*bifasciatus Gyll. Steph.* wood; Berwickshire; Dumfries-  
*Salicis Schrank.* shire.  
*decoratus Steph.*  
*affinis Steph.*

TACHYERGES *Schön.*

- T. SALICIS *Lin. Steph.* Near Edinburgh. Berwickshire.  
*hortorum Oliv.* Occasional.  
*scapularis Beck.*  
*Capræ Lat.*
- T. STIGMA *Germ. Steph.* Near Edinburgh; Berwickshire, on  
*Iota Gyll.* hazel; Glasgow.  
*confondatus Schön.*  
*alboscuteUellatus Dej.*  
*rufitarsis Steph.*  
*aterrimus Sturm.*

ANOPLUS *Schüpp.*

- A. PLANTARIS *Noezen, Steph.* Raehills; Dollar; Berwickshire;  
*Roboris Suffrian.* Glasgow.  
*brevis Marsh.*  
*nitidulus Steph.*  
*atratus Steph.*  
*Armeniacæ Fab.*

LITODACTYLUS *Redten.*PHYTOBIUS *Schön.*PACHYRHINUS *Steph.*

L. LEUCOGASTER *Marsh. Steph.* Duddingston Loch. Pond near  
Myriophylli *Gyll.* Swinton.

L. QUADRITUBERCULATUS *Fab.* Raehills. Rev. W. Little.  
4-cornis *Payk.*  
Ribis *Stroem.*  
4-dentatus *Steph.*

L. CANALICULATUS *Kirby, Sch.* Dumfriesshire. Rev. W. Little.

MICCOTROGUS *Schön.*TYCHIVS *Steph.*

M. PICIROSTRIS *Fab.* Dalmeny Park. Mr R. N. Greville.  
cinerascens *Gyll. Steph.*  
fuscirostris *Payk.*

AMALUS *Schön.*

A. SCORTILLUM *Herbst. Steph.* Near Edinburgh ; Craiglockhart ;  
hæmorrhous *Herbst.* Mortonhall ; Dumfriesshire.  
Agricola *Payk.*  
rubicundus *Panz.*

BALANINUS *Germ.*

B. NUCUM *Lin. Steph.* Dalmeny Woods. Mr R. N. Greville.  
gulosus *Germ. (not Lat.)*

B. BRASSICÆ *Fab.* Dalmeny ; Dollar ; Berwickshire.  
Salicivorus *Gyll. Steph.*  
macropus *Oliv.*  
arcuatus *Marsh.*  
cinerascens *Lin.*  
scutellaris *Steph.*  
var. intermedius ♂ *Steph.*

ANTHONOMUS *Germ.*

A. ULMI *De Geer, Steph.* Raehills. Dalmeny.  
pedicularius *Lin. Steph.* Rev. W. Little. Mr R. N. Greville.  
avarus *Lat.*  
clavatus *Dej.*  
Bavarus *Schrank.*  
fasciatus *Steph.*  
Pomonæ *Germ. (not Lin.)*  
Druparum, var. *Steph. (not Lin.)*



A. *INCURVUS* Panz. (not *Steph.*) Occasional. Near Edinburgh ; Rae-Pomorum, var. *b* Gyll. *Steph.* hills, &c.  
 avarus Dej. (not *Lat.*)  
 var. humeralis Panz.  
 var. Cratægi Chevrol.

A. *PUBESCENS* Payk.

Dalmeny.

Mr R. N. Greville.

A. *RUBI* Herbst. *Steph.*  
 clavatus Marsh. *Steph.*  
 obscurus *Steph.*  
 ater Marsh. *Steph.*  
 melanopterus Marsh.  
 perforatus Herbst.  
 brunnipennis, var. *Curtis.*

Near Edinburgh ; Stirlingshire ; Kinross-shire ; Dumfriesshire ; Berwickshire, &c.

*ELLESCUS* Meg. Dej.

E. *BIPUNCTATUS* Lin. *Steph.*  
 unipunctatus Oliv.

On sallows in autumn. Torwood, near Stirling ; Raehills ; Penmanshiel ; Jardine Hall, &c.

*HYDRONOMUS* Schön.

H. *ALISMATIS* Marsh. *Steph.*  
 productus Illig. Dej.

On *Alisma plantago* in Botanic Garden, Edinburgh ; Duddingston ; Swinton ; Glasgow.

*GRYPIDIUS* Schön.

G. *EQUISETI* Fab. *Steph.*  
 nigro-gibbosus De Geer.  
 gibbosus *Lat.*

Occasional.

*ERIRHINUS* Schön.

*NOTARIS* Germ. *Steph.*

E. *BIMACULATUS* Fab. *Steph.*

Near Dumfries.

E. *ACRIDULUS* Lin. *Steph.*  
 punctum Fab.  
 rigidus Marsh.

Occasional.

E. *ÆTHIOPS* Fab.  
 holomelanus Herbst.

Near Smailholm Tower. Mr R. Hislop.

*DORYTOMUS* Germ.

D. *VORAX* Fab. Gyll. *Steph.*  
 ventralis Dej. *Steph.*  
 cursor Payk.  
 longimanus Forst.  
 longipes Laich.

On Lombardy poplars, near Edinburgh ; Craigielands, Glasgow ; Berwickshire, &c.

- D. COSTIROSTRIS *Schön.* Dumfriesshire; near Edinburgh.  
*Tremulæ Dej. Steph.* (not  
*Payk. Gyll.*)  
*bituberculatus Zetter. Schön.*
- D. AFFINIS *Payk. Steph.* Dumfriesshire. Rev. W. Little.
- D. TREMULÆ *Payk. Gyll. Schön.* Near Edinburgh; Girpel Linn,  
(not *Steph.*) Dumfriesshire.  
*fumosus Rossi.*  
*vecors ♂ Schön. Steph.*  
*maculatus Marsh.*
- D. SALICINUS *Gyll. Schön.* On willows, in Dumfriesshire.  
Rev. W. Little.
- D. MAJALIS *Payk. Gyll. Schön.* Dumfriesshire. Rev. W. Little.  
(not *Steph.*)
- D. PECTORALIS *Panz. Steph.* Berwickshire. Dunoon.  
*fructum Manner.* Mr Hardy. Mr R. Hislop.  
*rubellus Marsh.*  
*var. melanophthalmus Payk.*  
*Steph.*
- D. AGNATHUS *Dahl. Schön.* Dumfriesshire. Rev. W. Little.  
*majalis Steph.*
- D. TORTRIX *Lin. Gyll. Steph.* Lombardy poplars, Caroline Park,  
*Schön.* near Edinburgh; Dunse.  
*arcuatus Steph.*
- MAGDALINUS *Germ.*  
TAMNOPHILUS *Schön.*  
RHINODES *Schön. Dej.*  
MAGDALIS *Steph.*
- M. PULEGMATICUS *Herbst.* First discovered at Dalmeny, by  
Rev. W. Little.  
since taken in Kiuross-shire, by  
Mr George A. Coventry.
- M. CARBONARIUS *Fab. Steph.* Black Forest, Rannoch, in Perth-  
shire. Raehills.  
Dr Nelson. Rev. W. Little.
- M. STYGIUS *Gyll.* Dollar. Mr J. T. Syme.  
*aterrimus Germ. Steph.* (not  
*Herbst.*)  
*Cerasi Oliv.*  
*asphaltinus Steph.*  
*atramentarius Marsh. Steph.*

**M. PRUNI** *Lin. (Rhinodes Dej.)**Steph.*

Dalmeny Park.

Mr R. N. Greville.

*erythrocerus Herbst.**incognitus Herbst.**ruficornis Lin. Schön.**caliginosus Steph.***PISSODES** *Germ.*

**P. PINI** *Lin. Steph. (not Panz.)* In fir woods near Edinburgh; Fife-shire; Perthsh.; Forfarsh.; Kinross-sh.; Moraysh.; Aberdeensh.; &c.

**P. NOTATUS** *Fab.*

Two specimens taken in Scotland by

*Pini Oliv.*

Dr Leach.

*castaneus De Geer.**Palmes Herbst.**brunneus Panz.***P. FABRICII** *Leach.*

Banks of the North Esk, near Montrose.

Rev. G. Little.

**OTIORHYNCHUS** *Germ.*

**O. TENEBRICOSUS** *Herbst. Steph.* Not common; but occasionally taken  
*morio Payk. ♀* near Edinburgh; Dollar; East Lothian; Dumfriesshire.  
*clavipes Oliv. Lat.*  
*niger Marsh. ♂*  
*ater Gyll. ♂ (not Herbst.*  
*nor Steph.)*  
*scrobiculatus Schön. ♂*  
*var. maritimus Donovan.*

**O. EBENINUS** *Schön.*

A few specimens taken in the west of Scotland.

Mr R. N. Greville.

**O. ATROAPTERUS** *De Geer, Gyll.* Not rare on sandy coasts. Near  
*Steph.* Edinburgh; Ayrshire; East Lothian; Berwickshire, &c.  
*rotundatus Lin.*  
*ater Steph.: illust.*  
*niger Steph.: man. (not*  
*Fab.)*

**O. MONTICOLA** *Dej. Schön.*

Mountainous parts of Scotland.

*lævigatus Gyll. Steph.**arcticus Fab.*

Sutherland, Ross-shire, Forfarshire, Kinross-shire, East Lothian, Berwickshire, &amp;c.

- O. *PICIPES* *Fab. Gyll. Schön.* Common everywhere.  
*asper* *Marsh.*  
*singularis* *Steph. Schrank.*  
*squamiger* *Marsh. Steph.*  
*septentrionis* *Steph. man.*  
(not *Herbst.*)  
*granulatus* *Herbst.*  
*dentatus* *Heer, Schön.*  
*notatus* *Bon. Steph.*  
*vastator* *Marsh.*  
*Marquardtii* *Schön.*  
*Chevrolati* *Schön. var. minor.*
- O. *SULCATUS* *Fab. Steph.* Near Edinburgh, Dollar, &c.  
*griseo-punctatus* *De Geer.*  
*strictus* *Lin.*
- O. *RUGIFRONS* *Gyll. Steph.* Generally distributed.  
*Dillwynii* *Kirby, Steph.*  
*var. scaber* *Steph.*
- O. *OVATUS* *Lin. Steph.* Generally distributed.  
*Rosae* *De Geer.*  
*rufipes* *Scop.*  
*Scopolii* *Lin.*  
*vorticatus* *Schön.*  
*pabulinus* *Germ. Steph.*
- O. *SCABROSUS* *Marsh. Steph.* Dollar ; Berwickshire ; East Lo-  
*crispatus* *Dej.* thian, &c.
- O. *LIGNEUS* *Oliv. Schön.* Near Edinburgh ; Little Ross.  
*scabridus* *Kirby, Schön. Steph.*
- O. *MAURUS* *Gyll. Steph.* Summit of Hartfell ; Halleath woods ;  
*Bructeri* *Illig.* Dunoon ; Catlaw in Forfarshire.  
*demotus* *Schön.*  
*Wiesurii* *Parreyss.*  
*Silesiacus* *Besser.*

OMIAS *Schön.*

OTIORHYNCHUS *Germ.*  
*Steph.*

BRACHYSOMUS *Steph.*

- O. *BOHEMANNII* *Schön.* Aytoun, Berwickshire. Mr Hardy.
- O. *HIRSUTULUS* *Fab. Steph.* Scarce. Musselburgh ; Dollar ; Fife ;  
*scabriculus* *Herbst.* Berwickshire.  
*Scaber* *Müller.*

- O. BRUNNIPES *Oliv.* Occasional.  
*piceus Germ. Steph.*  
*gracilis Bech.*  
*Araneiformis Schrank.*
- O. SULCIFRONS *Schön.* Dalmeny Park; Girrick; Penmanshiel; Preston.
- TRACHYPHLEUS *Germ.*
- T. SCABRICULUS *Payh. Gyll.* Rare. Berwickshire; Dumfriesshire.  
 (not *Lin.*) Mr Hardy. Rev. W. Little.  
*confinis Steph.*  
*bifoveolatus Bech.*  
*Viverra Herbst.*
- T. SCABER *Lin.* Blackford hill, near Edinburgh;  
*tesselatus Marsh. Steph.* Dollar; sea-coast of Berwickshire,  
*echinatus Dej.* near Cockburnspath.
- PHYLLOBIUS *Schön.*
- PH. CALCARATUS *Fab.* Generally distributed.  
*Pyri Illig. Dej. Steph.*  
*cæsius Marsh. Kirby, Steph.*
- PH. ALNETI *Fab. Steph.* Common on the nettle and umbelliferous plants in June.  
*Pyri Gyll. Schön.*  
*Cnides Marsh. Kirby.*
- PH. ARGENTATUS *Lin. Steph.* Common.  
*sericens Pilare.*
- PH. MACULICORNIS *Germ. Steph.* Occasional.
- PH. OBLONGUS *Lin (Nemoicus,)* Common in woods, though somewhat local.  
*Steph.*  
*floricola Herbst.*  
*Pruni Scopola.*  
*Querneus Fourc.*  
*fuscus Larch.*  
*var. rufescens Marsh.*
- PH. VESPERTINUS *Fab.* Common, and generally distributed.  
*Mali Fab.*  
*fulvipes Fab.*  
*amaurus Marsh.*
- PH. UNIFORMIS *Marsh. Schön.* Common.  
*parvulus Gyll. Steph.*  
*minutus Steph.*  
*Pomonæ Schön.*
- PH. POMONÆ *Oliv. Germ. Steph.* Abundant on nettles, &c.  
*uniformis Steph.*  
*albidus Steph.*

- PH. VIRIDICOLLIS *Fab. Steph.* Very local. Common on nettles near Edinburgh ; East Lothian ; Berwickshire.
- LIMOBIUS *Schön.*  
 PHYTONOMUS *Schön.*  
 HYPERA *Germ. Steph.*
- L. DISSIMILIS *Gyll. Germ. Schön.* Queensferry sea-shore, among *Oenothera arvensis.* Dr Greville.  
*fulvipes Steph.*  
*fumipes Curtis.*
- PHYTONOMUS *Schön.*  
 HYPERA *Germ. Steph.*  
 PLINTHUS *Lat.*
- PH. PUNCTATUS *Fab. Steph.* Occasional.  
*Austriaca Herbst.*  
*media Marsh.*
- PH. FASCICULATUS *Herbst. Steph.* Musselburgh. Dollar.  
*fasciculosa Gyll.* Ent. Edin. Mr J. T. Syme.  
*Danei Oliv.*
- PH. POLYGONI *Lin. Steph. Schön.* Generally distributed.  
*fasciatus De Geer.*  
*striatus Herbst.*  
*cinereus Oliv.*  
*Arator Lin. Steph.*  
*canescens Steph.*  
*Vicia Steph.*  
*plicicornis Steph.*
- PH. RUMICIS *Lin. Steph.* On docks, near Edinburgh ; Kinross-shire ; Forfarshire ; Berwickshire ; Dumfriesshire, &c.  
*Acetosæ Panz.*  
*pyrrhodactylus (Procas,) Marsh. Steph.*
- PA. MURINUS *Fab. (not Steph.)* Sandy ground on coast of Firth of Forth, near Edinburgh ; Dollar ; Raehills.  
*nebulosa Steph.*  
*elongata Steph. (not Payk.)*  
*fuscocinerea Marsh.*
- PH. PLANTAGINIS *Dej. Steph.* Dalmeny Park. Mr R. N. Greville.  
*villosula Wilk. Steph.*
- PH. NIGRIROSTRIS *Fab. Steph.* Common everywhere.
- PH. VARIABILIS *Herbst. Steph.* Occasional, near Edinburgh ; Little Ross ; Kirkcudbrightshire ; Dumfriesshire.  
*sublineata Kirb. Steph.*  
*bimaculatus Marsh.*  
*postica Gyll.*  
*villosula Wilk. Steph.*  
*stramineus Marsh.*  
*phœcopa Steph.*  
*rufipes Steph.*

PH. SUSPICIOSUS *Herbst. Schön.* Near Edinburgh.

*Steph.*  
*miles Payk. Steph.*  
*bitæniatus Marsh.*  
*pedestris Payk. Steph.*

TROPIPHORUS *Schön.*

BARYNOTUS *Germ. Steph.*

BRACHYRINUS *Lat.*

T. MERCURIALIS *Fab. Schön.* Occasional.

*Steph.*  
*lapidarius Payk.*  
*lepidotus Herbst.*  
*obtusatus Bonsd. Lat.*  
*Suecicus Lin.*  
*attenuatus Dej.*  
*var. Terricola Newm.*

LEIOSOMUS *Kirby, Steph.*

MOLYTES *Dej.*

L. OVATULUS *Clair.* Occasional.

*punctatus Marsh. Steph.*  
*deflexus Panz.*  
*crassicolis Dej.*

HYLOBIUS *Schön.*

H. ABIETIS *Lin.* Common on fir trees.

*Pini Marsh.*  
*Juniperi Stroem.*  
*excavatus Schrank.*  
*Norvegicus Petit.*  
*tigrinus Fourc.*

H. PINASTRI *Gyll.* Said to have been taken in Scotland  
 by Dr Leach. *Ent. Edin.*

BARYNOTUS *Germ. Schön.*

GASTRODUS *Dej.*

MERIONUS *Steph.*

B. OBSCURUS *Fab. Steph.* Common.

*murinus Bonsd.*  
*honoratus Herbst.*  
*pilosus Marsh.*  
*vagus Laid.*

B. MÆRENS *Fab.* Scarce. Lasswade; Roxburghshire;  
*Bohemanni Gyll.* Dumfriesshire; Berwickshire.  
*elevatus Marsh. Steph.*

LIOPHLÆUS *Germ. Schön.*

- L. NUBILUS *Fab. Steph.* Not rare. On umbelliferous plants.  
*tesselatus Lat.*  
 var. *Maurus Marsh. Steph.* Forfarshire. Misses Lyell.

ALOPHUS *Schön.*

- A. TRIGUTTATUS *Fab.* Not common; but generally distributed.  
*cordiger Sulz.*  
*melanocardius Herbst.*  
*desertus Panz. (Phytonomus) Sch.*  
*♂ striatorostris Marsh.*  
*rufimanus Marsh.*

CLEONUS *Schön.*

- C. SULCIROSTRIS *Lin. Steph.* Rare. Occasionally taken on sandy spots near the shores of the Firth of Forth, and along the sea-coast near Cockburnspath.  
 (BOTHYNODERUS *Schön.*)
- C. ALBIDUS *Fab. Steph.* Portobello, near Edinburgh.  
*niveus Bonsd.* Dr Leach. *Steph. Illust.*  
*candidus Herbst.*  
*affinis Schrank.*

POLYDRUSUS *Germ.*

- P. UNDATUS *Fab. Steph.* Not common. Roxburghshire; Dumfriesshire; Dollar; Pressmenan Wood, East Lothian, on the oak and birch; Berwickshire.  
*tereticollis De Geer. Lat.*  
*albofasciatus Herbst.*  
*cinereus Schaller.*  
*fulvicornis Steph. (not Fab. Gyll.)*  
*selenius Marsh.*  
*rufipes Lin.*
- P. PTERYGOMALIS *Schön.* Near Edinburgh, Dumfriesshire, Berwickshire.  
*flavipes Marsh.*
- P. MICANS *Fab. Steph.* Not common. Near Edinburgh, Dalkeith, Roslin, &c.; Lanarkshire, near Hamilton; Berwicksh.  
*argentatus Fourc.*
- P. CERVINUS *Lin. Steph.* Local. Common on fir trees in Kinross-shire.  
*messor Herbst.*  
 var. *maculatus Herbst.*  
 — *atomarius Dej.*  
*griseoæneus De Geer.*



SITONES *Schön.*SITONA *Germ. Steph.*

- S. GRISEUS *Fab.* (not *Steph.*) Forfarshire. *Steph. Illust.*  
*palliatu8 Oliv.*  
*fusca Marsh. Steph.*
- S. REGENTSTEINENSIS *Herbst.* Near Edinburgh; Dollar, Kinross-shire, Aberdeen, Argyllshire, East Lothian, Berwickshire, &c.  
*Steph.*  
*Ulicis Kirby, Steph.*  
*Spartii Kirby, Steph.*  
*femoralis Steph.*  
*pleuritica Steph.*
- S. SULCIFRONS *Thunb. Germ.* Common.  
*Schön. Steph.*  
*campestris Oliv.*  
*tibialis Gyll. Steph.* (not *Herbst.*)  
*subaurata Kirby, Steph.*
- S. LINEATUS *Lin. Germ. Steph.* Very common.  
*squamosus Lin.*  
*intersectus Fourc.*  
*chloropus Lin.*  
*ruficlavis Marsh. Steph.*  
*griseus Marsh.* (not *Fab.* *Steph.*)
- S. FLAVESCENS *Marsh. Steph.* Common.  
*octo-punctatus Schön.* (not *Germ.*)  
*nigriclavis Marsh. Steph.*  
*caninus Gyll. Steph.*  
*longiclavis Marsh. Steph.*  
*griseus Kirby, Steph.* (not *Fab.*)  
*lineatus Fab.*
- S. HUMERALIS *Kirby, Steph.* Raehills, Dumfriesshire; Berwickshire.  
*Pisi Steph.*  
*promptus Schön.*
- S. HISPIDULUS *Fab. Steph.* Near Edinburgh; Kinross-shire, Dumfriesshire, Berwickshire, &c.  
*Schön.*  
*pallipes Steph.*
- S. SUTURALIS *Steph.* Dalmeny; Cramond; Berwickshire.  
*rufipes Marsh.* (not *Lin.*)

- S. TIBIALIS *Herbst, Germ. Schön.* Common.  
*chloropus Marsh.*  
*lineellus Gyll. Schön.* (not  
*Steph.*)  
*ambiguus (var.) Schön.*  
*albescens Kirby.*  
*affinis Kirby.*  
*lineatulus Kirby.*

- S. CRINITA *Oliv. Steph. Schön.* Dalmeny Park. Mr R. N. Greville, and  
*lineella Steph.* Rev. W. Little.  
*albescens Steph.*  
*macularius Marsh.*

### SCIAPHILUS *Schön.*

- S. MURICATUS *Fab. Steph.* Occasional. Near Edinburgh; Kin-  
*planirostris Lin.* ross-shire; Whittingham, East  
*asperatus Lat. (Brachy-* Lothian; Berwickshire, &c.  
*cerus.)*

### STROPHOSOMUS *Bilb.* *Schön. Steph.*

#### CNEORHINUS *Schön. Dej.*

- S. CORYLI *Fab. Steph.* Very common on hazel and fir.  
*illibatus Schön.*  
 var. *obesus Marsh. Steph.* Occasional. Near Edinburgh.  
*cognatus Steph.*  
*subrotundus Marsh. Steph.*  
 var. *cervinus Fab.* Dalmeny Park; Kinross-shire.  
*Asperifoliarum Kirby,*  
*Steph.*  
*rufipes Steph.*  
*nigricans Steph.*  
*atomarius Marsh. Steph.*  
*nebulosus Steph.*  
 var. *affinis Dej.*  
*truncatus Lat.*
- S. RETUSUS *Marsh. Steph.* Near Edinburgh; Berwickshire;  
*squamulatus Steph. (not* Raehills, &c.  
*Herbst.)*  
*alternans Schön.*  
*oxyops Schön.*

S. FABER *Herbst. Germ. Schön.* Not uncommon.  
*chætophorus Steph.*  
*septentrionis Steph.*  
*pilosellus Gyll. Steph.*  
*limbatus Dej. Marsh. (not Steph.)*

S. LIMBATUS *Steph.* Common.

### CNEORHINUS *Schön.*

THYLACITES *Steph.*

PHILOPEDON *Schön. Steph.*

C. GEMINATUS *Fab. Gyll. Steph.* Musselburgh Links ; sea-coast, near Skateraw, East Lothian, and near Cockburnspath, Berwickshire.  
*Schön.*  
*albicans Schön.*  
*parapleurus Marsh. Steph.*  
*maritimus Marsh.*  
*scrobiculatus Marsh. Steph.*  
*globatus Lat.*

### RAMPHUS *Clair.*

R. FLAVICORNIS *Clair. Dum.* Arthur Seat. Kinross-shire ; Berwickshire, &c.  
*pulicarius Steph.*

### APION *Herbst, Steph.*

OXYSTOMA *Herbst, Steph.*

A. POMONÆ *Fab. Steph.* Dalmeny Park. Mr R. N. Greville, and Rev. W. Little.  
*cœruleum Kirby.*  
*cyaneum Panz. (not Gyll. Dej.)*  
 A. CRACCÆ *Lin. Steph.* Dalmeny Park. Mr R. N. Greville, and Rev. W. Little.  
*♂ ruficorne Germ. Sahlb.*  
 A. SUBULATUM *Kirby, Germ. Steph.* Berwickshire ; Roxburghshire ; Dumfriesshire.  
 A. ÆNEUM *Fab. Steph.* Near Edinburgh ; Dalmeny.  
 A. RADIOLUS *Kirby, Steph.* Common. Near Edinburgh ; Dollar.  
*aterrimum Gyll.*  
*var. æneum Payk.*  
 A. ONOPORDI *Kirby, Steph.* Common. Dalmeny Park ; Girrick ; Raehills, &c.  
 A. GIBBIROSTRE *Gyll. Sahlb.* Berwickshire ; Roxburghshire ; Dalmeny.  
*Carduorum Kirby, Dej. Steph.*

- A. *HYDROLAPATHI* *Marsh. Steph.* Near Edinburgh ; Raehills.  
cœruleopenne *Steph.*
- A. *ULICIS* *Forst. Steph.* (*Oxystoma Steph.*) Generally distributed. Very plentiful on furze on Musselburgh Links.
- A. *FUSCIROSTRE* *Fab. Steph.* Juniper Green, near Edinburgh.  
(*Oxystoma Steph.*) Mr R. N. Greville.  
melanopum *Marsh. Steph.*
- A. *MALVÆ* *Fab. Steph.* Near Edinburgh. *Ent. Edin.*
- A. *VICLE* *Payk. Dej. Steph.* Near Edinburgh ; Dollar ; Berwickshire.  
*Griesbachii Steph.*  
*Trifolii Lin.*
- A. *VARIPIES* *Germ. Steph.* Dalmeny Park. Mr R. N. Greville.  
flavipes *Gyll.*  
flavifemoratum *Kirby.*
- A. *APRICANS* *Herbst, Steph.* Very common.
- A. *FLAVIPES* *Fab. Steph.* Common.
- A. *ÆSTIVUM* *Germ. Sahlb. Steph.* Raehills. Rev. W. Little.
- A. *ASSIMILE* *Gyll. Kirby, Steph.* Dalmeny Park. Mr R. N. Greville.
- A. *MINIATUM* *Sahlb. Dej.* Occasional throughout Scotland.  
*frumentarium Steph.* (not *Lin.*)
- A. *FRUMENTARIUM* *Lin. Gyll.* More frequent.  
*Sahlb.*  
*hæmatodes Steph.*  
*purpureum Lat.*  
*ferrugineum Dej.*
- A. *CRUENTATUM* *Walton.* Near Penmansheil. Mr. Hardy.
- A. *TENUE* *Kirby, Steph.* Rare. Loanhead and Cramond ; Raehills.
- A. *SENICULUS* *Kirby, Steph.* Cramond. Rev. W. Little.  
*tenuis Dej. Gyll.*  
*plebeium Germ.*  
*elongatum Germ.*
- A. *ONONIS* *Kirby, Steph.* On *Ononis arvensis*. Near Edinburgh, North Berwick, Kinrossshire, Berwickshire, Dumfriesshire, &c.  
♂ *cinerascens Germ.*
- A. *ERVI* *Kirby, Sahlb. Steph.* Common on *Lathyrus pratensis*  
var. *Lathyri Kirby, Steph.* near Edinburgh ; Dollar ; Berwickshire ; Dumfriesshire, &c.

- A. *LOTI* Kirby, *Steph.* Dalmeny Park ; Berwickshire.
- A. *VIRENS* Herbst, *Sahlb. Steph.* Generally distributed.  
     *æneocephalum* Gyll.  
     *cyaneum* Dej.  
     ♂ *Marchicum* Steph.
- A. *PUNCTIGERUM* Germ. *Steph.* Dalmeny Park. Mr R. N. Greville.  
     var. *sulcifrons* Herbst.
- A. *FOVEOLATUM* Kirby, *Steph.* Near Edinburgh. Dr Greville.  
     *cyaneum* Gyll. *Dej.*
- A. *SPENCII* Kir. *Steph.* Arthur Seat, near Edinburgh ; Berwickshire.
- A. *SPARTII* Kir. *Steph.* Rare, near Edinburgh. Ent. Edin.
- A. *ASTRAGALI* Payk. *Steph.* Queensferry. Dr Greville.
- A. *VORAX* Sahlb. *Steph.* Common.  
     ♂ *fuscicornis* Marsh.  
     ♀ *villosulum* Marsh.
- A. *PAVIDUM* Germ. *Steph.* Dollar. Mr J. T. Syme.  
     *Ervi* var. *γ* Steph.
- A. *STRIATUM* Kirby, *Steph.* Not rare.  
     *Pisi* Steph. (not Fab.)
- A. *PISI* Fab. Schön. Common, and generally distributed.  
     *gravidum* Oliv.  
     *pasticum* Germ.  
     *punctifrons* Steph.
- A. *IMMUNE* Kirby, *Steph.* On broom and furze near Edinburgh ; Berwickshire.
- A. *HUMILE* Germ. *Sahlb. Steph.* Kinross-shire ; Near Edinburgh ;  
     *brevirostre* Dej. Stirling.  
     *curtirostre* Steph. Germ.  
     *Sedi* Gyll.
- A. *MINIMUM* Herbst. Raehills. Rev. W. Little.  
     *velox* Steph.  
     *crenatum* Dej.
- A. *VIOLACEUM* Kirby, *Sahlb.* Generally distributed.  
     *Steph.*  
     *Hydrolapathi* Dej.  
     *cyaneum* Oliv. (not Panz.  
     nor Gyll.)
- A. *MARCHICUM* Herbst, *Sahlb.* Near Edinburgh ; Berwickshire ;  
     *violaceum* Dej. (not Steph.) Dumfriesshire.  
     *Rumicis* Steph. Germ.

- A. *AFFINE* Kirby, *Germ. Steph.* Dumfriesshire; Cramond. Rev. W. Little.  
 A. *SUBSULCATUM* Marsh. *Steph.* Dalmeny; Berwickshire.

### RHINOMACER *Fab.*

- R. *ATTELABOIDES* *Fab. Steph.* Scarce. Dalmeny Park; Kirknewton; Peasedean; Howparkdean; near Swinton; Jardine Hall; Kirkpatrick Juxta; Rannoch, &c.

### RHYNCHITES *Herbst,* *Steph.*

#### DEPORAUS *Leach, Steph.*

- R. *ÆQUATUS* *Lin. Steph.* Slateford. *Ent. Edin.*  
*purpureus* *Oliv.*  
 R. *CUPREUS* *Lin. Steph.* Kirkpatrick Juxta, on the mountain  
*æneus* *Lat.* ash. Rev. W. Little.  
*punctatus* *Herbst.*  
 R. *MEGACEPHALUS* *Germ.* Dalmeny Park; Girrick; Penmanshiel wood; Berwickshire; Rae-  
*angustatus* *Dej.* hills; Dumfriesshire, &c.  
*Alliariæ* *Steph.* (not *Fab.*  
*Dej.*)  
*Mannerheimii* *Humm.*  
*laevicollis* *Steph.*  
*cyaneopennis* *Steph.*  
 R. *PAUXILLUS* *Germ. Steph.* Kirkpatrick Juxta. Rev. W. Little.  
 R. *GERMANICUS* *Herbst.* Dalmeny Park; Penmanshiel wood.  
*minutus* *Herbst, Steph.*  
*arquatus* *Dej.*  
*viridis* *Mej.*  
 R. *FRAGARIÆ* *Sturm. Schön.* Penmanshiel wood; Berwickshire;  
*arquatus* *Dej.* Raehills; Dumfriesshire.  
*æneovirens* *Marsh. Steph.*  
*virescens* *Zieg.*  
 R. *NANUS* *Payk.* Penmanshiel wood; Berwickshire;  
*Alliariæ* *Lin.* Raehills.  
*cylindricus* *Kirby, Steph.*  
 R. *BETULETI* *Fab. Herbst.* Roxburghshire and Dumfriesshire;  
*Betulæ* *Lin. Steph.* (Depo- Berwickshire.  
*raus* *Lea. Steph.*)  
 R. *BETULÆ* *Lin.* Roslin. *Ent. Edin.*  
*femoratus* *Lat.*  
 R. *OPHTHALMICUS* *Steph.* Dollar. Mr J. T. Syme.

ATTELABUS *Lin.*

- A. CURCULIONIDIS *Lin. Steph.* Dalmeny Park, Penmanshiel wood,  
&c.

APODERUS *Oliv.*

- A. CORYLI *Lin.* Dalmeny Park ; Beld Craig, near  
Avellanæ *Lin. Panz. Steph.* Moffat ; Dumfriesshire ; Berwick-  
shire.

BRUCHUS *Lin.*

- B. RUFIMANUS *Schön.* In beans, &c., in seed shops, Edin-  
burgh.  
B. PISI *Lin. Steph.* Glasgow, among pease (imported.)  
Mr Hislop.

## FAMILY CERAMBYCIDÆ.

PHYMATODES *Muls.*  
*Redten.*CALLIDIUM *Fab. Steph.*

- PH. VARIABILIS *Lin. Steph.* A pair taken in the New Town of  
Edinburgh. Rev. W. Little.

ASEMUM *Esch.*CALLIDIUM *Fab.*

- A. STRIATUM *Lin. Steph.* Rare near Edinburgh ; Dollar, &c. ;  
Not scarce near Kirriemuir.

CLYTUS *Fab. Steph.*

- C. ARIETIS *Lin. Steph.* Lanarkshire ; Hamilton. Mr J. Blyth.  
quadrifasciatus *De Geer.* Near Carnwath. Mr A. Hepburn.  
Near Edinburgh. Sir Patrick Walker.

LEIOPUS *Serv.*POGONOCHERUS *Mej.*  
*Steph.*

- L. NEBULOSUS *Lin. Steph.* In woods near Edinburgh ; Dalkeith  
Park ; Roslin ; Berwickshire, &c.

AEDILIS *Serv.*ASTYNOMUS *Dej.*ACANTHOCINUS *Panz.*  
*Steph.*

- Æ. MONTANA* *Serv. Muls.* Rare in most parts of Scotland ; not  
*ædilis* *Lin. Steph.* scarce in Rannoch, Perthshire.
- POGONOCHERUS** *Mej.*  
*Dej. Steph.*
- P. HISPIDUS* *Fab. Steph.* Roslin. Dr Knapp.  
*P. PILOSUS* *Fab. Steph.* Moffat. Rev. W. Little.  
*hispidus* *Panz.*
- MONOHAMMUS** *Dej.*  
*Muls.*
- MONOCHAMUS** *Serv. Steph.*
- M. DENTATOR* *Fab. Steph.* Taken alive in Glasgow — (a North  
American species.) Mr R. Hislop.
- LAMIA** *Fab. Serv.*
- L. TEXTOR* *Lin. Steph.* Rannoch, Perthshire.  
Mr Weaver and Dr Nelson.  
Argyllshire. Rev. George Little.
- DORCADION** *Dalman,*  
*Muls.*
- D. FULIGINATOR* *Lin.* A single specimen found creeping  
over wet sea-weed in St Andrews  
Bay. Dr Lowe.
- ANÆREA** *Muls.*
- SAPERDA** *Fab. Steph.*
- A. CARCHARIAS* *Lin. Steph.* Sutherlandshire. A. Murray, per Mr A.  
*punctata* *De Geer.* Young.
- SAPERDA** *Fab. Steph.*
- S. SCALARIS* *Lin. Steph.* Rannoch, in Perthshire.  
Mr Weaver and Dr Nelson.  
Raehills. Rev. W. Little.
- RHAGIUM** *Fab.*
- R. BIFASCIATUM* *Fab. Steph.* In fir stumps, near Edinburgh ;  
Clackmannan ; Dollar ; Dumfries-  
shire ; Dunoon ; Berwickshire.
- R. INDAGATOR* *Fab. Steph.* Raehills ; Rannoch.
- R. INQUISITOR* *Lin. Steph.* Dumfriesshire ; Berwickshire ; Ran-  
noch.
- PACHYTA** *Mej.*
- P. OCTOMACULATA* *Fab. Steph.* Once taken in Peasedean, Berwick-  
shire. Mr Hardy.



**STRANGALIA** *Serv. Dej.**Muls.***STENURA** *Dej.***LEPTURA** *Lin. Steph.*

- S. ARMATA** *Herbst, Gyll.* Little Ross ; Kirkcudbrightshire.  
*elongata Rossi. Steph.* Mr J. T. Syme.

- S. QUADRIFASCIATA** *Lin. Steph.* Rachills ; Dumfriesshire ; Rannoch.

**GRAMMOPTERA** *Serv.**Muls.***LEPTURA** *Steph.*

- G. LEVIS** *Fab. Steph.* Peasedean, Berwicksh. ; Midcalder.  
**G. RUFICORNIS** *Fab. Steph.* Colinton, near Edinburgh ; Pease-  
 dean.

**FAMILY DONACIADÆ.****DONACIA** *Fab.*

- D. CRASSIPES** *Fab. Steph.* Mull. Mr R. Hislop.  
*striata Panz.*  
*micans Hoppe.*  
*aquatica* var. *b. Lin.*  
*spinosa De Geer.*
- D. BIDENS** *Oliv. (not Dej.)* Duddingston Loch and Ravelrig ;  
*clavipes Payk.* Coldingham Moor, Berwickshire.  
*cincta Germ. Steph.*  
*micans Marsh.*  
*aquatica Martyn.*
- D. DENTIPES** *Fab. Steph.* Dollar ; Glasgow ; Coldstream.  
*vittata Oliv.*  
*fasciata Hoppe.*  
*nitida Lin.*
- D. LEMNÆ** *Fab. Steph.* On aquatic plants in Duddingston  
*marginata Hoppe.* Loch ; Lochend.  
*vittata Panz.*  
*limbata Panz.*  
*lateralis Bon.*
- D. SAGITTARIÆ** *Fab. Steph.* On aquatic plants in ponds near  
*aurea Hoppe.* Edinburgh ; near Milngavie ; near  
*bicolor Lin.* Glasgow.

- D. IMPRESSA *Gyll. Steph.* Ayrshire. Mr Hardy.
- D. MENYANTHIDIS *Fab. Steph.* Duddingston Loch. Scarce.  
*crassipes Lin. (not Fab.)*  
*clavipes Fab.*  
*simplex Payh. Marsh.*
- D. LINEARIS *Hoppe, Steph.* Common on reedy lakes and ponds.  
*simplex Fab.*
- D. TYPHÆ *Brahm.* Near Glasgow. Mr R. Hislop.  
*linearis var. b. Gyll.*
- D. SIMPLEX *Fab. Steph.* Braid ponds; Lochleven.  
*semi-cuprea Panz.*  
*vulgaris Lin.*
- D. SERICEA *Illig. Gyll.* Dollar; Braid marshes; Berwickshire.  
*Proteus Steph.*

HAEMONIA *Mej.*MACROPLEA *Curt. Steph.*

- II. ZOSTERÆ *Fab. Steph.* Loch of Forfar. Dr Gilbert M<sup>r</sup>Nab.  
*Ruppix Germ.*  
*Schiodtei Guérin.*  
*mutica Fab. (not Payh.)*

## FAMILY CHRYSOMELIDÆ.

## DIVISION LEMIDÆ.

LEMA *Fab.*CRIOCERIS *Geoff. Steph.*

- L. RUGICOLLIS *Suffrian.* On the Eden, near Nenthorn. Girrick.  
*puncticollis Curtis, Steph.* Mr Hardy. Mr Hislop.  
*cyanella Fab. Gyll.*
- L. CYANELLA *Fab. Steph.* Occasional throughout Scotland.  
*var. A obscura? Steph.* Near Edinburgh. Mr R. N. Greville.
- L. MELANOPA *Lin. Steph.* Dollar; near Edinburgh; Penmanshiel.  
*Hordei Fourc.*  
*cyanipennis Duft.*

## DIVISION CASSIDIDÆ.

CASSIDA *Lin.*

- C. *EQUESTRIS* *Fab. Steph.* Near Edinburgh ; Dumfriesshire.  
*viridis Lin.*
- C. *RUBIGINOSA* *Illig. Steph.* Kinross-shire; near Edinburgh ; Dum-  
*prasina Fab. coll.* friesshire ; East Lothian ; Berwick-  
*viridis Fab. coll.* shire.  
*vibex Fab. coll.*
- C. *OBSOLETA* *Illig. Steph.* Cramond ; Raehills ; Penmanshiel ;  
*nebulosa Fab. (not Lin.)* Girrick ; Glasgow.  
*exculpta Charp.*

## DIVISION GALLERUCIDÆ.

ADIMONIA *Laich.*GALLERUCA *Fab. Steph.*

- A. *TANACETI* *Fab. Steph.* Occasional.
- A. *CAPRÆ* *Lin. Steph.* Among heather ; plentiful in Autumn  
among Pentlands, near Edin-  
burgh ; Dollar ; Dumfriesshire ;  
Berwickshire, &c.

GALERUCA *Geoff. Steph.*

- G. *VIBURNI* *Payk. Steph.* Raehills. Rev. W. Little.
- G. *NYMPHÆ* *Lin. Steph.* Dollar ; Berwickshire.
- G. *LINEOLA* *Fab. Panz. Steph.* Raehills. Rev. W. Little.
- G. *CALMARIENSIS* *Lin. Steph.* Raehills. Rev. W. Little.  
*Lythri Gyll.*
- G. *TENELLA* *Lin. Steph.* Torwood ; Raehills ; Dollar ; Ber-  
wickshire.

AGELASTICA *Chev. Dej.*ADIMONIA, *Schr. Steph.*

- A. *HALENSIS* *Lin. Steph.* Berwick-on-Tweed. Dr Philip M'Lagan.  
*nigricornis Fab.*

LUPERUS *Geoff. Steph.*

- L. *RUFIPES* *Fab. Steph.* Occasional.
- L. *FLAVIPES* *Lin. Steph.* Occasional.

ALTICA *Lin.*HALTICA *Illig. Steph.*(GRAPTODERA *Chev.*)

- A. OLERACEA *Fab. Duft. Steph.* Generally distributed.  
 A. ERUCÆ *Fab. Steph.* Cramond, and near Portobello.  
     *Lythri Chev. Aubé.*

(PODAGRICA *Chev.*)

- A. FUSCIPES *Fab.* Dumfriesshire. Rev. W. Little.

(CREPIDODERA *Chev.*)

- A. EXOLETA *Lin.* Common.  
     *flava Lin. Steph.*  
     *similis Kirby, Steph.*  
 A. TRANSVERSA *Marsh.* Common.  
     *ferruginea Steph.*  
 A. RUFIPES *Lin. Steph.* Near Edinburgh ; Dollar.  
     *ruficornis Ent : Heft.*  
 A. NITIDULA *Fab. Steph.* Raehills. Rev. W. Little.  
 A. HELXINES *Fab. Steph.* Near Edinburgh ; Dollar ; Dumfriesshire ; Glasgow ; Berwicksh., &c.  
     *gaudens Kirby, Steph.*  
     *fulvicornis Fab. Steph.*  
 A. PULCHELLA *Steph.* Dumfriesshire.  
     *cyanea Marsh. Steph.*  
     *metallica Duft.*  
     ♂ *aurata Marsh. Steph.*

- A. MODEERI *Lin. Steph.* Raehills. Berwickshire.  
     Rev. W. Little. Mr Hislop.

(PHYLOTRETA *Chev.*)

- A. BRASSICÆ *Fab. Steph.* Raehills. Rev. W. Little.  
     *4-pustulatata Illig. Ent : Heft.*  
     *4-guttata Steph.*  
 A. FLEXUOSA *Ent : Heft. Steph.* Queensferry. Near Glasgow.  
 A. NEMORUM *Lin. Steph.* Very common.  
 A. ATRA *Ent : Heft. Dej.* Raehills. Rev. W. Little.  
     *obscura Illig. Dej. Steph.*  
 A. LEPIDII *Ent : Heft. Gyll. Steph.* Raehills. Rev. W. Little.  
     (APTHONA *Chev.*)  
 A. EUPHORBICÆ *Fab. Gyll. Steph.* Raehills. Rev. W. Little.  
 A. ATROCERULEA *Steph.* Queensferry. Mr R. N. Greville.  
 A. PSEUDACORI *Marsh. Steph.* Near Edinburgh ; Glasgow ; Dollar ; Dalmeny, on leaves of *Iris Pseudacori.*

## (BALANOMORPHA Chev.)

## MANTURA Steph.

- A. RUSTICA *Lin. Steph.* Occasional.  
     *semi-ænea Ent: Heft. Steph.*
- A. OBTUSATA *Gyll. Steph.* Dollar; Raehills; Stitchell.

## LONGITARSUS Lat.

## THYAMIS Steph.

- L. ANCHUSÆ *Payk. Gyll. Steph.* Raehills. Rev. W. Little.  
     *tristis Dej.*  
     *convexa Steph.*
- L. APICALIS *Waterh.* Berwickshire. Mr Hardy.
- L. HOLSATICUS *Lin. Ent: Heft.* Raehills; Dunoon.
- L. QUADRIPUSTULATUS *Fab.* Raehills. Rev. W. Little.  
     *Steph.*  
     *4-maculatus Ent: Heft.*
- L. OCHROLEUCUS *Marsh. Steph.* Occasional.
- L. TABIDUS *Fab. Steph.* Common on Senecio Jacobea in autumn.
- L. MELANOCEPHALUS *Gyll. Sch.* Near Edinburgh; Raehills; Berwickshire, &c.  
     *picipes Steph.*  
     *confinis Kirby, Steph.*  
     *atricillus Lin. Steph.*  
     *atriceps Steph.*
- L. FEMORALIS *Marsh. Gyll. Steph.* Near Edinburgh; East Lothian, &c.
- L. SUTURALIS *Marsh. Steph.* Occasional.
- L. THORACICA *Kirby, Steph.* Not unfrequent.  
     *fuscicollis Kirby, Steph.*  
     *dimidiata Steph.*  
     *atricornis Steph.*
- L. PALLENS *Kirby, Steph.* Arthur Seat; Raehills; Juniper Green, &c.
- L. FUSCESCENS *Kirby, Steph.* Raehills.
- L. LURIDUS *Gyll. Steph.* Common in autumn.  
     *castanea Meg. Steph.*  
     *brunnea Duft. Steph.*  
     *nigricans Kirby, Steph.*

- L. PULEX *Marsh. Steph.* Dollar ; Dalmeny Park, &c.  
 L. HILARIS *Kirby, Steph.* Raehills. Rev. W. Little.  
     *pilaris Curtis.*  
 L. PARVULUS *Payk. Gyll. Steph.* Raehills. Rev. W. Little.

PSYLLIODES *Lat.*MACROCHEMA *Steph.*

- P. HYOSCYAMI *Lin. Steph.* Dalmeny. Dr Greville.  
 P. CHRYSOCEPHALA *Lin. Steph.* Portobello ; Dalmeny Park ; Berwickshire.  
     *ruflabris Ent : Heft.*  
     *erythrocephala Lin.*  
 P. CUCULLATA *Illig.* Queensferry ; Penmanshiel.  
     *Spergulae Gyll.*  
 P. RAPE *Illig. Steph.* Common.  
     *Napi Ent : Heft. Steph.*  
     *brunnipes Meg. Steph.*  
 P. MARCIDA *Illig. Steph.* Near Edinburgh ; coasts of Berwickshire and East Lothian.  
 P. PICICORNIS *Kirby, Steph.* Raehills. Rev. W. Little.  
     *apicalis Steph.*  
 P. PICINA *Marsh. Steph.* Dalmeny Park ; Cramond ; Raehills ; Swinton, &c.  
 P. ERICAE *Ent : Heft. Steph.* Portobello ; Moffat Hills. Mr J. T. Syme.  
 P. EXOLETA *Lin ? Steph.* Raehills. Rev. W. Little.  
     *nigriceps Kirby.*  
 P. PALLIDA *Zieg. ? Steph.* Raehills. Rev. W. Little.

CARDIAPUS *Curt. Steph.*

- C. MATTHEWSII *Curt. Steph.* Raehills. Rev. W. Little.  
 C. HELIANTHEMI. Raehills. Rev. W. Little.

PLECTROSCELIS (*Chev.*) *Dej.*CHLETOCHEMA *Steph.*

- P. DENTIPES *Ent : Heft. Steph.* Occasional.  
     *concinna Marsh.*  
     *picipes Kirby, Steph.*  
 P. ARIDELLA *Payk. Steph.* Not rare.

ARGOPUS *Fisch. Dej.*SPHÆRODERMA *Steph.*

- A. TESTACEUS *Fab. Steph.* Occasional.  
 A. CARDUI *Kirby, Gyll.* East Lothian. Mr Hardy.

APTEROPODA (*Chev.*)*Redten.*SPHERODERMA *Steph.*MNIOPHILA *Steph.*

- A. CILIATA *Oliv.* Raehills ; near Glasgow ; Dum-  
*Hederæ Ill.* barton.  
*globus Duft.*  
*orbiculata Marsh. Steph.*  
*Graminis Ent: Heft.*
- A. MUSCORUM *Ent: Heft. Steph.* Not uncommon at Raehills ; Ed-  
*Gibbium Melsh.* mondsdean, Berwickshire ; plen-  
*Leodensis Wesm.* tiful near Bothwell.

## DIVISION CHRYSOMELIDÆ.

TIMARCHIA (*Meg.*) *Lat.*

- T. TENEBRICOSE *Fab.* Kirkcudbrightshire. Rev. Mr Lamb.  
*laevigata Duft. Steph. (not*  
*Dej.)*

CHRYSOMELA *Lin.*

- C. HÆMOPHTERA *Lin. Steph.* Scarce. Near Edinburgh, Queens-  
*Hottentota Fab.* ferry, Dollar, &c.
- C. SANGUINOLENTA *Lin.* Queensferry.  
*rubromarginata De Geer.*  
*distinguenda Steph.*
- C. MARGINALIS *Duft. var.* First found in the Orkney Islands, by  
Professor Edward Forbes ;  
afterwards in great plenty, by  
Mr J. T. Syme.
- C. MARGINATA *Lin. Steph.* Rare. Near Edinburgh, Dumfries-  
shire, &c.
- C. BANKSII *Fab. Steph.* Ayrshire. Dr Gilbert M'Nab.  
*rubrocuprea Fourc.*
- C. LAMINA *Fab.* On the sea-coast at the foot of the  
*laevicollis Oliv.* Peaseburn, Berwickshire ; Dum-  
*heteropunctata Meg.* friesshire.

- C. FUCATA *Fab.*  
*gemellata Rossi.*  
*Hyperici Steph.* (not *Kin-*  
*derm.*)      Rothesay ; Berwickshire ; Dumfries-  
 shire.
- C. VARIANS *Fab. Steph.*      Dollar ; Linlithgow ; Berwickshire ;  
 Dumfriesshire.
- C. FULGIDA *Fab. Steph.*      Forfarshire ; Argyllshire ; Arran.  
*Graminis var. Manner.*  
*aurolimbata Besser.*
- C. GRAMINIS *Lin. Steph.*      Inveray.      Mr. Blyth.
- C. FASTUOSA *Lin. Steph.*      Common on *Lamium album*—a very  
 brilliant variety found in Orkney  
 and Western Islands.
- C. STAPHYLÆA *Lin. Steph.*      Not uncommon.
- C. POLITA *Lin. Steph.*      Occasional.
- LINA (*Meg.*) *Redten.*  
     MELASOMA (*Dillw.*)  
     *Steph.*
- L. POPULI *Lin. Steph.*      Rare. Near Edinburgh ; Flisk ;  
 Dollar ; Whittingham, East Lo-  
 thian.
- L. AENEA *Lin. Steph.*      On alders near Kirkpatrick Juxta,  
 and abundant on the south bank  
 of the Whitadder, above the Re-  
 treat.
- GASTROPHYSA (*Chev.*)  
     *Redten.*  
     PHAEDON (*Meg.*) *Steph.*
- G. POLYGOINI *Lin. Steph.*      Common.
- G. RAPHANI *Fab. Steph.*      Common on dock leaves.  
*viridula Oliv.*
- PHRATORA (*Chev.*)  
     *Redten.*  
     PHAEDON *Steph.*
- PH. VITELLINÆ *Lin. Steph.*      In great numbers on willow bushes.  
*vulgatissima Lin.*  
*var. unicolor Marsh. Steph.* Not common.



PHAEDON (*Meg.*) *Redten.*

- PH. BETULAE *Lin. Steph.* Near Edinburgh.  
*parvulus Duft.*
- PH. TUMIDULA *Kirby, Steph.* Common. Generally distributed.  
*confinis Kirby.*  
*gomphoceros Leach.*  
*concinna Steph. ?*

HELLODES *Fab. Steph.*PHAEDON *Meg. Steph.*

- H. VIOLACEA *Fab.* Edinburgh; Berwickshire; Dumfriesshire.  
*Beccabungae Payk. Steph.*
- H. PHELLANDRII *Lin. Steph.* Near Edinburgh; Dumfriesshire; Berwickshire.
- H. MARGINELLA *Lin. Steph.* Not uncommon.
- H. AUCTA *Fab. Steph.* Scarce. Near Edinburgh; Dollar; Berwickshire; Dumfriesshire; Glasgow; Aberdeenshire.

GONIOCTENA (*Chev.*)*Dej. Redten.*SPARTOPHILA (*Chev.*) *Red.*CHRYSOMELA *Steph.*(SPARTOPHILA *Chev.*)

- G. LITURA *Fab. Steph.* Common on broom.  
*var. flavicans Oliv.*

(GONIOCTENA *Chev.*)

- G. RUFIPES *Payk. Steph.* Raehills. Rev. W. Little.  
*fulvipes Duft.*  
*10-punctata Steph. (not Lin. Fab.)*
- G. PALLIDA *Fab. Steph.* Near Edinburgh; Roslin; Whittingham; Dollar; Berwickshire.

CLYTHRA *Laicharting.*

- C. LAEVIUSCULA *Ratzeb.* Black Forest, Rannoch. Dr Nelson.  
*quadripunctata Laich, (not Lin. Fab. &c.)*

## CRYPTOCEPHALUS

*Geoff.*

- |                                    |  |                    |
|------------------------------------|--|--------------------|
| C. SEXPUNCTATUS <i>Lin. Steph.</i> | Raehills.                              | Rev. W. Little.    |
| C. MORAEI <i>Lin. Steph.</i>       | Sutherlandshire ; Berwickshire.        |                    |
|                                    | Mr James Wilson.                       | Mr Hardy.          |
| C. LINEOLA <i>Fab. Steph.</i>      | Near Edinburgh.                        | Rannoch.           |
| dispar <i>Payk.</i>                | <i>Ent. Edin.</i>                      | Dr Nelson.         |
| C. VITTATUS <i>Fab. Steph.</i>     | Dalmeny Park.                          | Mr R. N. Greville. |
| C. LABIATUS <i>Lin. Steph.</i>     | Occasional at Raehills ; near Paisley. |                    |
- 

## FAMILY COCCINELLIDÆ.

CHILOCORUS *Leach,*  
*Muls.*

- |                                    |                                  |
|------------------------------------|----------------------------------|
| C. BIPUSTULATUS <i>Lin. Steph.</i> | Near Edinburgh ; Craiglockhart ; |
| fasciatus <i>Müll. Herbst.</i>     | Raehills.                        |
| frontalis <i>Thunberg.</i>         |                                  |

EXOCHOMUS *Redten.*  
*Muls.*

CHILOCORUS *Dej. Steph.*

- |                                 |                                    |
|---------------------------------|------------------------------------|
| E. QUADRIPUSTULATUS <i>Lin.</i> | Kinordy, Forfarshire ; Penmanshiel |
| 4-verrucatus <i>Fab. Steph.</i> | wood, Berwickshire ; Raehills.     |
| lunulatus <i>Zschach.</i>       |                                    |
| Cassidioides <i>Don.</i>        |                                    |
| hæmatideus <i>Chev.</i>         |                                    |

ANISOSTICTA *Chev. Muls.*

COCCINELLA *Lin. Steph.*

- |                       |                                  |
|-----------------------|----------------------------------|
| A. NOVENDECIMPUNCTATA | Not common. Near Coates, and in  |
| <i>Lin. Steph.</i>    | some other places to the west of |
|                       | Edinburgh.                       |
|                       | <i>Ent. Edin.</i>                |

MICRASPIIS *Chev. Muls.*

COCCINELLA *Lin. Steph.*

- M. DUODECIMPUNCTATA *Lin.* Raehills. Rev. W. Little.  
*Steph.*  
*suturata Gæze.*  
*18-punctata Fuessly.*  
*16-punctata Fourc.*  
*11-punctata Gmelin.*

HYPERASPIS *Chev. Muls.*COCCINELLA *Lin. Steph.*

- H. REPPENSIS *Herbst. Steph.* Cramond, near Edinburgh; Rae-  
 hills; Torwood; Oban.  
 ♂ *bipustulata Thunb.*  
 ♀ *nigra Zschach.*  
 ♂ *xanthocephala Quensel.*  
 ♀ *marginella Quens.*  
*marginella Fab.*  
 ♀ *Stigma Oliv.*  
*apicalis Dufour.*

SCYMNUS *Kug. Redten,*  
*Muls. Steph.*COCCINELLA *Lin. Fab.*TRITOMA *Panz.*SPHÆRIDIMUM *Herbst.*

- S. NIGRINUS *Kugel. Steph.* Kinross-shire. Raehills.  
*minimus? Müll.* A. Murray. Rev. W. Little.  
*ater Westm. Thunb.*  
*morio Payk.*
- S. ANALIS *Fab.* Rare. Raehills. Rev. W. Little.  
*ruficollis Oliv.*  
*parvulus Illig. Lat. var. c.*  
*abdominalis (Mus. Berl.)*

- S. DISCOIDEUS *Illig. Steph.* Near Edinburgh; Berwickshire;  
*suturalis Westm. Thunb.* Dumfriesshire; Stirlingshire.  
*limbatus Kirby, Steph.*  
*discipennis Sturm.*  
*var. pusillus Müll.*  
 — *atriceps Steph.*  
 — *Pini (Byrrhus) Marsh.*  
*rufipes (Meg.)*  
*plagiatus Kullbug, Thunb.*  
*pilosus Herbst.*

RHYZOBIOUS *Steph. Muls.*NUNDINA *Dej. Redten.*R. LITURA *Fab. Steph.* Occasional.var. hypomelanus (*Dermestes*) *Marsh.*— Aurora *Panz.*— coadunatus *Marsh.*lividus *Oliv.*chrysomeloides *Herbst.*testaceus *Fab.*fasciatus *Fab.*pallidus *Marsh.*Absinthii *Marsh.*COCCIDULA *Kug. Red.**Muls.*CACICULA *Steph.*C. RUFA *Herbst.* Occasional.pectoralis *Fab. Steph.*testacea *Kin. Thunb.*rosea (*Silpha*) *Marsh.*HIPPODAMIA *Chev.*COCCINELLA *Lin. Steph.**Redten.*H. TREDECIMPUNCTATA *Lin.* Scarce. Near Edinburgh. *Ent. Edin.**Steph.*trinacris *Fourc.*14-punctata *Don.*IDALIA *Muls.*COCCINELLA *Lin. Steph.*I. LIVIDA *De Geer.*pallida *Thunb.*obsoleta *Schneider.*var. M-nigrum *Illig. Steph.* Kirkpatrick Juxta. Fir trees, Penmanshiel wood, Berwickshire.I. BIPUNCTATA *Lin.* Common.dispar *Illig. Steph.*var. 4-pustulata *Scop. Lin.*— 6-pustulata *Scut. Lin.*

COCCINELLA *Lin. Muls.*  
*Steph.*

- C. UNDECIMPUNCTATA *Lin.* Common.  
*Steph.*  
*collaris Payk.*
- C. QUINQUEPUNCTATA *Lin.* Common.  
*Steph.*
- C. SEPTEMPUNCTATA *Lin. Steph.* Common.
- C. VARIABILIS *Illig. Steph.* Very common.  
14-punctata *Müller.*  
13-maculata *Frst.*  
subpunctata *Schrk.*  
13-notata *Thunb.*  
12-punctata var. *Zsch.*  
— humeralis *Schall. Steph.*
- C. CONGLOMERATA *Lin. Steph.* Raehills ; Berwickshire.
- C. HIEROGLYPHICA *Lin. Steph.* Occasional.

HARMONIA *Muls.*

COCCINELLA *Lin. Steph.*

- H. IMPUSTULATA *Lin. Steph.* Near Dalkeith ; Raehills.  
*rosea De Geer.*  
16-punctata *Scopoli.*  
16-maculata *Fab.*  
*conglobata Fourc. Oliv.*

MYRRHA *Muls.*

COCCINELLA *Lin. Steph.*

- M. OCTODECIMGUTTATA *Lin.* Far from common. Near Edin-  
*Steph.* burgh ; Raehills ; Berwickshire.

MYSIA *Muls.*

COCCINELLA *Lin. Steph.*

- M. OBLONGOGUTTATA *Lin. Steph.* Not scarce.

ANATIS *Muls.*

COCCINELLA *Lin. Steph.*

- A. OCELLATA *Lin. Steph.* Rare. Kinross-shire ; Aberdeen-  
shire ; Berwickshire.

CALVIA *Muls.*COCCINELLA *Lin. Steph.*

- C. QUATUORDECIMGUTTATA      Near Edinburgh ; Berwickshire ;  
*Lin. Steph.*      Ayrshire ; Raehills, &c.

HALYZIA *Muls.*COCCINELLA *Lin. Steph.*

- H. SEDECIMGUTTATA *Lin. Steph.* Roslin ; Cramond ; Raehills, &c.

THEA *Muls.*COCCINELLA *Lin. Steph.*

- T. PUNCTATA *Lin.*  
 vigintiduopunctata *Lin.*      Near Coates.      *Ent. Edin.*  
*Steph.*

LASIA *Hope, Muls.*COCCINELLA *Lin.*SUBCOCCINELLA *Huber.*CYNGETIS *Steph.*EPILACHNA *Redten.*

- L. GLOBOSA *Schneider, Steph.*      Berwickshire ; Raehills.  
 24-punctata *Fab.*  
 gibbosa *Dumeril.*  
 25-punctata *Lin.*  
 ♂ Saponariæ *Huber.*

## FAMILY LYCOPERDINIDÆ.

ENDOMYCHUS *Panz.*

- E. COCCINEUS *Lin. Steph.*      Near Edinburgh ; Musselburgh ;  
    Pressmenan wood, East Lothian,  
    and Penmanshiel wood, Berwick-  
    shire.

## FAMILY BLAPSIDÆ.

BLAPS *Fab.*B. MORTISAGA *Lin. Steph.* Generally distributed.

## FAMILY OPATRIDÆ.

PHILAX (*Meg. Dej.*) *Brullé.*PHYLAN *Steph.*PH. CRENATUS *Dej.*gibbus *Bonelli, Steph.*

Ayrshire.

Mr J. P. Duncan.

Southernness.

Sir Wm. Jardine.

BOLITOPHAGUS *Illig. Fab.*B. RETICULATUS *Lin.*crenatus *Fab.*gibbus *Panz.*

Black Forest, Rannoch. Mr R. Weaver.

## FAMILY TENEBRIONIDÆ.

HETEROPHAGA *Dej.**Redten.*ALPHITOBIOUS *Steph.*H. FAGI *Panz. Duft.*Oryzæ *Herbst.*picipes *Steph.*mauritanica *Dej. Steph. ?*

In a loaf in Glasgow.

Mr Hislop.

TRIBOLIUM *M<sup>c</sup>Leay, Steph.*STENE *Steph.*COLYDIUM *Herbst.*T. CASTANEUM *Herbst. M<sup>c</sup>L.* Edinburgh, (probably introduced.)*Steph.*

A. Murray.

ferrugineum *Fab. Steph.*testaceum *Fab.*

**TENEBRIO** *Lin. Steph.***T. MOLITOR** *Lin. Steph.*

Edinburgh, &amp;c.

**T. OBSCURUS** *Fab. Steph.*Edinburgh; between Leith and  
Portobello; Dunse.**FAMILY HELOPIDÆ.****HELOPS** *Fab.***H. CÆRULEUS** *Lin. Fab. Steph.* Near Edinburgh.*Ent. Edin.*chalybeus *Oliv.*violaceus *Marsh.***H. CARABOIDES** *Panz. Steph.*Scarce. Near Edinburgh; Dalkeith;  
Raehills; Little Ross; Kirkcud-  
brightshire.striatus *Oliv.*Dermestoides *Illig.***FAMILY CISTELIDÆ.****CISTELA** *Fab.***C. MURINA** *Fab. Steph.*

Common.

variabilis *Dahl.*Reppensis *Herbst.*Maura *Fab.*fusca *Marsh.***FAMILY SERROPALPIDÆ.****MELANDRYA** *Fab.***M. CARABOIDES** *Lin. Steph.*Woods about Ormiston, and near  
Musselburgh.servata *Fab. Sturm.**Ent. Edin.***PYTHO** *Lat.***P. DEPRESSUS** *Lin.*Black Forest, Rannoch, Perthshire.  
Mr Weaver and Dr Nelson.cœruleus *Panz.*castaneus *Panz.*



DIRCÆA *Fab.*

- D. DISCOLOR *Fab.* Black Forest, Rannoch, Perthshire.  
     *lævigatus Hellenius.* Mr Weaver.  
     *Buprestoides Payk.*  
     *rufipes Besser.*

ORCHESIA *Lat. Steph.*HALLOMENUS *Payk.*

- O. MINOR *Walker, Steph.* New Lanark. Mr Walker.

## FAMILY MORDELLIDÆ.

SCRAPTIA *Lat.*SERROPALPUS *Illig.*

- S. FUSCA *Lat. Steph.* Kirkpatrick Juxta. Rev. W. Little.  
     *sericea (Dircæa) Sch.*

RIPIPHORUS *Fab.*METÆCUS *Dej.*

- R. PARADOXUS *Lin. Steph.* Very scarce. Near Edinburgh; wall  
     *angulatus Weib.* at Barnton Park in Sept.; Roslin;  
     Ormiston; Bothwell Castle.

MORDELLA *Lin.*

- M. ACULEATA *Lin. Steph.* Very scarce. Taken near Roslin.  
     *Ent. Edin.*

ANASPIS *Geoff.*

- A. FRONTALIS *Lin. Steph.* Near Edinburgh; Dalkeith Park;  
     *atra Fallen.* Berwickshire.

- A. RUFICOLLIS *Geoff. Fab. Steph.* Occasional.  
     *(not Stev.)*  
     *fuscollis Sturm.*

- A. FUSCESCENS *Steph.* Near Edinburgh. A. Murray.

- A. MACULATA *Geoff. Dej.* Common in summer.  
     *obscura Gyll.*  
     *melanopa Forst. Steph.*

- A. FASCIATA *Forst. Steph.* Near Edinburgh; Nenthorn, Ber-  
     *nigricollis Marsh.* wickshire.  
     *var. biguttata Marsh. Steph.* Dalkeith Park. A. Murray.

## FAMILY CANTHARIDES.

MELOE *Lin.*

- M. PROSCARABEUS *Lin.* Occasional. Near Edinburgh ;  
*vulgaris (Proscarabeus)* Musselburgh ; Water of Leith ;  
*Steph.* near Glasgow.  
*♀ punctata Panz.*  
*Brunsvicensis Meyer.*  
*tectus Leach.*  
*atratus Meyer.*  
*rugipennis Mannerh.*  
*Tauricus Dej.*  
*Volgensis Tauscher.*  
*cyanellus Dej.*  
*Gallicus Dej.*
- M. VIOLACEUS *Marsh. Gyll.* Isle of Jura. Mr Hislop.  
*Steph.*  
*proscarabeus Panz. Rossi. Lat.*  
*similis Marsh.*  
*Aprilinus Meyer.*
- 

## FAMILY RHINOSIMIDÆ.

SALPINGUS *Illiger.*SPHAERISTES *Curtis,*  
*Steph.*

- S. ATER *Gyll. Steph.* Near Edinburgh ; Berwickshire ;  
Cramond ; Raehills ; Glasgow.
- S. FOVEOLATUS *Lin. Steph.* Dalmeny ; Cramond ; Raehills ; Kin-  
*immaculatus Steph.* ross-shire ; Berwickshire.

RHINOSIMUS *Lat.*SALPINGUS *Gyll. Steph.*

- R. ÆNEUS *Oliv.* Near Edinburgh. Dr Greville.
- R. ROBORIS *Fab.* Scarce. Berwickshire ; Aberdeen-  
*ruficollis Herbst. Gyll. Steph.* shire.  
*rostratus De Geer.*
- R. PLANIROSTRIS *Fab. Steph.* Occasional.  
*fulvirostris Payk.*
- R. RUFICOLLIS *Panz. Steph.* Raehills. Paisley.  
*viridipennis (Zeigl.)* Rev. W. Little. Mr M. Young.

## FAMILY ANTHICIDÆ.

NOTOXUS *Geoff.*N. MONOCERUS *Lin. Steph.*

Guillane Links, in plenty at the roots  
of *Arundo arenaria*. Mr Syme.  
Also on the sea-coast at Cock-  
burnspath. Mr Hardy.  
And near St Andrews. Mr H. Goodsir.

ANTHICUS *Geoff.*

A. FLORALIS *Fab. Payk.*  
*fuscus Marsh. Steph.*  
*Pedicularius Schrk.*  
*Formicoides Fourc.*  
*Myrmecocephalus Rossi.*  
*calycinus Panz.*  
*Formicarius Oliv.*  
*Umbellatorum Dej.*  
*basalis Villa.*

Near Edinburgh; common at dung-  
heaps.

A. ATER *Panz. Payk.*  
*Morio Dej. (not Laferté.)*  
*fuscicornis Dej.*  
*luteicornis Dej.*  
*unicolor Dej.*

Raehills. Aberdeenshire.  
Rev. W. Little. Mr A. Blake.

A. HUMILIS *Germ.*  
*Bremei Laf.*  
*riparius Dej.*

Kilpatrick, Dumbartonshire.  
Mr Hislop.

## FAMILY SCYDMÆNIDÆ.

SCYDMÆNUS *Lat.*

S. PUSILLUS *Müll. Steph.* Generally distributed.  
var. *minutus Gyll. (not Panz.)*  
*Panzeri Dej.*  
*collaris Kenz.*  
*nigripes Marsh.*

S. ELONGATUS *Müll. Steph.*

Raehills.  
Rev. W. Little.

- S. TARSATUS Müll. Lap. (*Eumi-* Dumfriesshire.  
*erus.*)  
 Hellwigii Lat.  
 minutus Panz. (not Gyll.)

## FAMILY PSELAPHIDÆ.

### PSELAPHUS *Herbst.*

*Reich. Steph.*

- |                               |           |                 |
|-------------------------------|-----------|-----------------|
| P. HEISII <i>Herbst.</i>      | Raehills. | Rev. W. Little. |
| <i>Herbstii Erich. Steph.</i> |           |                 |

### BRYAXIS *Leach, Steph.*

- |                                  |                                 |                 |
|----------------------------------|---------------------------------|-----------------|
| B. SANGUINEA <i>Fab. Steph.</i>  | Raehills.                       | Rev. W. Little. |
| <i>longicornis Leach.</i>        |                                 |                 |
| ♂ <i>laminata Motsch.</i>        |                                 |                 |
| B. JUNCORUM <i>Leach, Steph.</i> | Near Penmanshiel, Berwickshire. | Mr Hardy.       |
| B. IMPRESSA <i>Panz.</i>         | Raehills.                       | Rev. W. Little. |
| <i>tripunctata Kirby.</i>        |                                 |                 |

### TYCHUS *Leach, Denny,* *Aubé, Steph.*

- |                       |           |                 |
|-----------------------|-----------|-----------------|
| T. NIGER <i>Payk.</i> | Raehills. | Rev. W. Little. |
|-----------------------|-----------|-----------------|

### BYTHINUS *Leach, Denny,* *Aubé, Steph.*

#### ARCOPAGUS *Leach. Steph.*

- |  |                |                        |
|--|----------------|------------------------|
| B. GLABRICOLLIS <i>Reich. ♂ Grich.</i> | Raehills.      | Rev. W. Little.        |
| <i>clavicornis Panz.</i>               |                |                        |
| B. PUNCTICOLLIS <i>Denny, Steph.</i>   | Raehills.      | Moss near Penmanshiel, |
| ♂ <i>Chevolatii Aubé,</i>              |                | Berwickshire.          |
| <i>regularis Schmidt.</i>              |                |                        |
| B. BULBIFER <i>Reich.</i>              | Aberdeenshire. | Mr Hardy.              |
| ♀ <i>glabricollis Gyll. Aubé.</i>      |                |                        |
| B. CURTISH <i>Leach.</i>               | Raehills.      | Rev. W. Little.        |
| B. SECURIGER <i>Reich. Steph.</i>      | Raehills.      | Rev. W. Little.        |
| <i>macropalpus Aubé.</i>               |                |                        |
| <i>globulipalpus Aubé.</i>             |                |                        |

- B. BURRELLII *Denny*. In moss from Craiglockhart.  
*luniger Aubé*. Paisley. Mr Young. Dr Greville.  
 EUPLECTUS *Leach*,  
*Kirby, Steph*.  
 E. SIGNATUS *Reich*. Cramond; near Penmanshiel, Ber-  
*Kirbyi Denny*. wickshire.  
*unicolor Kirby*.  
*nanus Aubé*.  
 E. REICHENBACHII *Leach, Steph*. Berwickshire; Dumfriesshire.  
*Staphylinoides Kirby*.

## FAMILY STAPHYLINIDÆ.

- MYRMEDONIA *Erichson*.  
 ALEOCHARA *Grav. Lat*.  
 ASTILBUS *Dill. Steph*.  
 DRUSILLA *Leach, Mannerheim*.  
 ZYRAS *Steph*.  
 PELLA *Steph*.  
 M. CANALICULATA *Fab. Erich*. Heaths, and on the sea-coast; occa-  
*Steph*. sionally in ants' nests.  
 M. LIMBATA *Payk. Erich. Steph*. Sea - coast near Cockburnspath, in  
*divisus Marsh*. nests of *Formica flava*. Mr Hardy.  
*lævis Grav*.  
*foveicollis Dej*.  
 M. COLLARIS *Payk. Erich. Steph*. Lurgie loch, near Hume, Berwick-  
*(Bolitochara.)* shire. Mr Hislop.  
 AUTALIA *Leach, Steph*.  
*Erich*.  
 A. IMPRESSA *Oliv. Steph. Erich*. In fungi. Queensferry; Dalmeny;  
*plicata Kirby, Steph*. Berwickshire; Kinross-shire.  
*ruficornis Kirby, Steph*.  
 A. RIVULARIS *Grav. Steph*. Penmanshiel; Glasgow; Girrick, &c.  
*Erich*.  
*aterrima Steph*.  
*angusticollis Steph*.  
 FALAGRIA *Leach, Erich*.  
 F. SULCATULA *Gravenh. Steph*. Near Edinburgh; Glasgow.  
*Illust*.  
*Sulcata var. b. Gyll. Steph*.  
*Man*.  
*polita Curtis*.  
 F. OBSCURA *Gravenh*. Near Paisley. Mr Young.  
 H

**BOLITOCCHARA** *Mannerh. Erich. Steph.*

**B. LUXULATA** *Payk. Steph. Erich.*

Under bark. Howpark dean, and near Mellerstain, Berwickshire; Glasgow.

**B. OBLIQUA** *Erich. Steph.*

Under bark. Near Edinburgh; Berwickshire and East Lothian; Glasgow.

**OCALEA** *Erich. Steph.*

**O. PICATA** *Kirby, Steph. castanea Erich.*

Berwickshire; Edinburgh; Aberdeenshire.

**CALODERA** *Mannerh. Erich. Steph.*

**C. NIGRICOLLIS** *Payk. Erich. Steph.*

Rare. South Queensferry; Simprim, Berwickshire, &c.

**C. LONGITARSIS** *Kirby, Erich. Steph. (Ischnopoda.)*

Not uncommon.

**TACHYUSA** *Erich.*

**T. UMBRATICA** *Erich. foveola Leach, Steph. (Bolitochara.)*

Berwickshire and Aberdeenshire.

Mr Hardy.

**T. FRONTALIS** *Kirby, Steph. (Ischnopoda.) immunita Erich. ?*

Banks of streams, Berwickshire; Aberdeenshire.

Mr Hardy.

**T. FLAVITARSIS** *Sahlberg, Hardy.*

Rare. Presmennan lake, East Lothian.

Mr Hardy.

**T. CARBONARIA** *Mannh. Hardy.*

Rare. Border of a pond near Swinton Hill, Berwickshire.

Mr Hardy.

**PHLÆOPORA** *Erich.*

**PH. CORTICALIS** *Gravenh. tenuis Gravenh.*

Glasgow; Raehills.

**HOMALOTA** *Erich.*

**CALLICERUS** *Grav. BOLITOCCHARA Steph.*

**H. GRAMINICOLA** *Grav. Erich. Steph.*

Berwickshire; Aberdeenshire; Kinross-shire.

*linearis Gyll.*

*longiuscula Gyll.*

*longicornis* var. *b. Gyll.*

*mæsta Zetterstedt.*

*fracticornis Lacord.*

*rufitarsis Kirby, Steph.*

- H. *VICINA* Kirby, Steph. Not common. Penmanshiel; Kinross-shire.  
*umbonata* Erich.
- H. *ELONGATULA* Grav. Erich. Swampy places. Penmanshiel; Girrick.  
*Steph.*  
*terminalis* Grav.  
*teres* Grav.  
*complana* Mannerh.  
*oblonga* Lacord.  
*exilis* Mannerh.  
*planiuscula* Mannerh.  
*depressiuscula* Mannerh.  
*elongata* Kirby, Steph.
- H. *ANGUSTULA* Gyll. Erich. Rare. Banks of the Eye, Berwickshire. Mr Hardy.  
*Steph.*  
*pilosella* Steph.  
*linearis* var. Grav.
- H. *CIRCELLARIS* Grav. Erich. Beneath stones on moors, &c. Common.  
*Steph.*  
*cingulata* Kirby, Steph.  
*ochropa* Kirby, Steph.  
*contigua* Kirby, Steph.
- H. *RUFESCENS* Kirby, Steph. Not common; under bark, and in Polypori, Berwickshire; Aberdeenshire; Kinross-shire.  
*Illust.*  
*circellaris* var. Steph. Man.  
*var. nigricans* Kirby, (Steph. Cat.)
- H. *BRUNNEA* Fab. Erich. Steph. In fungi. Howpark dean, and Mellerstain, Berwickshire; Dalmeny.  
*depressa* Gyll.  
*nigriceps* Marsh.  
*cinnamomea* Steph. *Illust.*  
*zonalis* Kirby, Steph.  
*atriceps* Kirby, Steph.  
*thoracica* Steph.
- H. *SERICANS* Grav. Gyll. Heer. Under sea-weed, and between fissures of rocks near high-water mark, Berwickshire; shores of Forth.  
*Erich.*  
*socialis* var. Erich.
- H. *SOCIALIS* Payk. Erich. Steph. In fungi, &c. Common.  
*Boleti* Grav.  
*sordidus* Marsh.  
*castanoptera* Mannh.  
*longicornis* Gyll.  
*nigritula* Grav.  
*euryptera* Steph.  
*pallidipennis* Kirby.  
*xanthoptera* Kirby, Steph.  
*femorata* Marsh. Steph.

- H. AUTUMNALIS *Erich. Hardy*. Moist places. Edinburgh; East Lothian; Peterhead; Berwickshire; Kinross-shire.
- H. PUSILLA *Grav. Steph.* Raehills. Rev. W. Little.
- H. ANALIS *Grav. Erich. Steph.* Under stones on heaths, &c. Common.  
*bifoveolata Mannh.*  
*inquinula Kirby, Steph.*  
*foveolata Kirby, Steph.*  
*venustula Wilkin.*  
*nigro-fusca Kirby, Steph.*
- H. CAUTA *Erich. Hardy*. Not uncommon.
- H. CELATA *Erich. Hardy*. With the preceding.
- H. LONGICORNIS *Grav. Erich. Steph.* Not common. Berwickshire; Aberdeenshire; Kinross-shire.  
*validicornis Mannh.*  
*consimilis Kirby, Steph.*  
*fumosa Wilkin.*
- H. LIVIDIPENNIS *Mannh. Erich. Steph.* Edinburgh district; Berwickshire; Kinross-shire; Glasgow.  
*livida Erich. (Oxyopoda.)*
- H. FUNGI *Grav.* Edinburgh district. Dr Greville.  
*xanthopa Kirby, Steph.*  
*tricolor Kirby, Steph.*
- H. HYGROPHILA *Hardy*. Borders of streams. Berwickshire; Kinross-shire; Aberdeenshire; Edinburgh district.
- H. FOVEATOCOLLIS *Kirby, Steph.* Taken in Scotland by Messrs Turner and Hooker. *Steph. Illust.*
- OXYPODA *Erich. Steph.*
- O. RUFICORNIS *Grav.? Steph.* Raehills. Rev. W. Little.
- O. UMBRATA *Gyll. Erich. Steph.* Dalmeny; Berwickshire; Kinross-shire; Glasgow.
- O. LONGIUSCULA *Grav. Erich. Steph.* Peasedean, Berwickshire; Glasgow.  
*procerulea Mannh.*
- O. ALTERNANS *Grav. Erich. Steph.* Edinburgh district; Berwickshire; Kinross-shire, &c.  
*concinna Leach, Steph.*
- O. TESTACEA *Erich. Hardy*. Beneath bark of fir, Penmanshiel wood, Berwickshire. Mr Hardy.
- O. BREVICORNIS *Kirby, Steph.* Penmanshiel; near Edinburgh.  
*cuniculina Erich.*



**ALEOCHARA** *Grav. Erich.*  
*Steph.*

**CERANOTA** *Steph.*

**POLYSTOMA** *Steph.*

**A. FUSCIPES** *Fab. Erich. Steph.* Edinburgh ; Berwickshire.  
*lata Grav.*  
*recurva Kirby.*

**A. BREVIPENNIS** *Grav. Erich.* Near Edinburgh.  
*Steph.*  
*carnivora Gyll.*

A. Murray.

**A. NITIDA** *Grav. Erich. Steph.* Generally distributed.  
*bilineata Gyll.*  
*immaculata Kirby.*  
*biguttula Kirby.*  
*agilis Kirby.*  
*Cursor Kirby. Steph. Holme.*

**A. LANUGINOSA** *Grav. Erich.* Common.  
*Steph.*

**A. MÆSTA** *Grav. Erich. Steph.* Common.  
*fumata Gyll.*  
*hæmorrhoidalis Marsh.*  
*concolor Kirby, Steph.*

**A. RUFICORNIS** *Grav. Erich.* Rare. Corstorphine ; South Queens-  
*Daltoni Kirby, Steph.* ferry ; Penmanshiel wood.

**A. MORION** *Grav. Erich. Steph.* Not very common. Berwickshire.  
*exigua Mannh. Steph.* Mr Hardy.  
*minutula Kirby.*  
*pusilla Kirby.*

**A. OBSCURELLA** *Grav. Erich.* Beneath sea-weed ; frequent.  
*Steph.*  
*sericea Leach, Steph.*  
*dubia Steph. ?*  
*micans Kirby, Steph.*  
*Kirbyi Steph.*

**PHYTOSUS** *Rudd.*  
*Steph. Erich.*

**PH. SPINIFER** *Rudd, Steph.* Among sand, beneath sea-weed ;  
*Erich.* sea-coast near Cockburnspath.  
Mr Hardy.

DIGLOSSA *Haliday, Steph.*

- D. MERSA *Hal. Steph.* Taken along with *Micralymma brevipenne*, between layers of shale under high-water mark, at South Queensferry. A. Murray.

OLIGOTA *Mannh. Erich.*  
*Steph.*

- O. PUSILLIMA *Grav. Erich.* Rare. Penmanshiel. Mr Hardy.  
*Steph.*

GYROPHÆNA *Mannh.*  
*Erich. Steph.*ENCEPHALUS *Steph.*

- G. COMPLICANS *Kirby, Steph.* Dalmeny ; Penmanshiel wood.  
*Erich.*

- G. NANA *Payk. Erich. Steph.* Stirlingshire. Mr R. N. Greville.  
*nitidula Lacord.*  
*fasciata Marsh.*

- G. BOLETI *Lin. Erich. Steph.* In agarics. Edinburgh ; Howpark  
*(Bolitochara.)* dean, Berwickshire.

PLACUSA *Erich.*

- P. HUMILIS *Erich.* Near Edinburgh. A. Murray.

MYLLÆNA *Erich. Steph.*CENTROGLOSSA *Matthews,*  
*Steph.*

- M. DUBIA *Mannh. Erich.* Borders of gravelly streams. Ber-  
*Steph.* wickshire ; East Lothian ; and  
*Conuroides Matthews,* Edinburgh district.  
*Steph.*

- M. MINUTA *Grav. Erich. Steph.* In Sphagnum, Coldingham moor,  
Berwickshire. Mr Hardy.

- M. GRACILIS *Heer, Hardy.* Penmanshiel wood, Berwickshire,  
and in Aberdeenshire. Mr Hardy.

GYMNUSA *Karsten, Erich.*  
*Steph.*

- G. BREVICOLLIS *Payk. Erich.* One specimen—border of a stream-  
*Steph.* let, Penmanshiel wood. Mr Hardy.  
*carnivora Grav.*  
*excusa Grav.*

HYPOCYPTUS *Schüp.*  
*Erich.*

CYPHA *Kirby, Steph.*

- H. LONGICORNIS *Payk. Erich.* In fungi, &c. Common.  
*Steph.*  
*acuminatum (Scaphidium)*  
*Marsh.*  
*granulum Grav.*  
*rufipes Steph.*  
*globulus Lacord.*

- H. LEVIUSCULUS *Mannh. Erich.* Raehills; Penmanshiel; Nenthorn.  
*Steph.*  
*longicornis var. b. Gyll.*

- H. PARVULUS *Steph.* Raehills. Rev. W. Little.

CONURUS *Erich. Steph.*

- C. LITTOREUS *Lin. Erich. Steph.* Edinburgh; Polmont.  
*cellaris Fab.*  
*pubescens Ph.*  
*tomentosus Rossi.*  
*bimaculatus Fab. (Oxyporus.)*  
*angularis Steph.*

- C. PUBESCENS *Grav. Erich.* Near Nenthorn; Dumbarton.  
*Steph.* Mr Hislop.  
*sericeus Lacord.*  
*var. testaceus Fab. (Oxyporus.)*  
*var. Marshami Steph.*

- C. PYRRHOPTERUS *Steph.* On the sea-coast. Common.  
*lividus Erich.*  
*obscuripennis Kirby, Steph.?*

TACHYPORUS *Knoch.*  
*Erich. Steph.*

- T. OBTUSUS *Lin. Erich. Steph.* Common.  
*analisis Fab.*  
*vernalis Müller.*  
*dispar var. γ Ph.*  
*chrysomelinus var. 2, Walk.*  
*melanurus Marsh.*  
*var. ? nitidicollis Steph.*



- T. HUMERALIS *Grav. Erich.* In fungi. Berwickshire; Edinburgh;  
*Steph.* Aberdeenshire; Kinross-shire.  
*cinctus Marsh.*  
*scapularis Steph.*
- T. SUBTERRANEUS *Lin. Erich.* Edinburgh district; Raehills; Pen-  
*Steph.* manshiel in spring.  
 var. *marginatus Fab.*  
*bicolor Grav.*  
*biplagiatus Lacord.*  
*latus Marsh.*
- T. BIPUSTULATUS *Fab. Erich.* Raehills; near Edinburgh; Kin-  
*Steph.* ross-shire.  
*subterraneus Payk.*
- T. MARGINELLUS *Fab. Erich.* Common.  
*Steph.*  
*laticollus Grav.*  
*lævigatus Marsh.*  
*intermedius Mann.*  
*rufipes* var.  $\beta$  *Payk.*  
*immaturus Grav.*  
*marginatus Don.*
- T. COLLARIS *Grav. Erich. Steph.* Scarce. Edinburgh district; Cra-  
*corticinus Grav.* mond; Penmanshiel.  
*flavellus Zetterstedt.*
- T. ELONGATUS *Gyll. Erich. Steph.* Not common. Edinburgh district;  
*aterimus Steph.* Raehills; Jedburgh; Penman-  
 shiel; Glasgow, &c.

BOLETOBIUS *Leach, Erich.**Steph. p.*MEGACRONUS *Steph.*BRYOCHARIS *Lacord.*

- B. ANALIS *Payk. Erich. Steph.* Berwickshire; East Lothian; Kin-  
*merdarius Gyll. (Tachinus.)* ross-shire; Glasgow.
- B. CINGULATUS *Mannerh. Erich.* Glasgow; Torphichen. Mr Hislop.  
*Steph.*  
*analís* var. 1 and 3, *Grav.*  
*analís Gyll.*  
*bicolor Rossi. ? (Oxyporus.)*  
*rufipennis Steph.*
- B. ATRICAPILLUS *Fab. Erich.* In agarics—not unfrequent. Edin-  
*Steph.* burgh; Berwicksh.; East Lothian.  
*lunulatus Fab. Lin.*

- B. TRIMACULATUS *Payk. Erich.* Edinburgh ; Glasgow ; Stirlingshire.  
*Steph.*  
*littoreus Pk.*  
 var. *trinotatus Erich.*  
*bimaculatus Schrank.?*
- B. ANGULARIS *Steph.* Edinburgh ; Berwickshire ; Aberdeen-  
*apicalis Steph.* shire.  
*exoletus Erich.*
- B. PYGMÆUS *Fab. Erich. Steph.* In fungi. Common.  
*thoracicus Fab.*  
*melanocephalus Marsh.?*  
*trimaculatus* var.  $\beta \gamma$  *Pk.*  
*merdarius Runde.*  
*pallidus Rossi.*  
*elegans Matthews, (Erich.)*

MYCETOPORUS *Mannerh.*  
*Erich. Steph.*

ISCHINOSOMA *Steph. Oliv.*

- M. SPLENDENS *Marsh. Steph.* Edinburgh ; Berwickshire.
- M. LEPIDUS *Knoch. Erich. Steph.* Dalmeny ; Stirlingsh. ; Berwicksh. ;  
*punctato-striatus* var.  $\alpha, \gamma$  *Pk.* Mull.  
*merdarius Schrank.*  
*bimaculatus Lacord.*  
*tristis Grav.*
- M. SPLENDIDUS *Grav. Erich.* Scarce. Blackburn Rigg wood, Ber-  
*Steph.* wickshire ; and in Aberdeenshire.

OTHIUS *Leach, Erich. Steph.*

CAFIUS *Lacord.*

GYROHYPNUS *Mann.*

SAURIODES *Dej. Cat.*

- O. FULVIPENNIS *Fab. Erich.* Common.  
*Steph.*  
*fulgidus Pk. Steph.*  
*fulminans Grav.*  
*ustulatus Grav. (not Steph.)*
- O. MELANOCEPHALUS *Grav.* Not unfrequent.  
*Erich. Steph. Man.*  
*angustus Kirby, Steph. Illust.*  
 var. *ater Steph.*  
*ustulatus Steph. (not Grav.)*

O. *LEVIUSCULUS* Kirby, *Steph.* Raehills; sea-coast near Dunbar.  
*punctipennis* Lacord. *Erich.* Kinross-shire.  
*obscurus* Leach? *Steph.*

O. *PILICORNIS* Payk. *Erich. Steph.* Beneath bark of decaying firs.  
 var. *alternans* Grav. *Steph.* Edinburgh; Raehills; Berwick-  
*nigriceps* Mannerh. shire; East Lothian; Glasgow.  
*affinis* Payk.  
*glabricornis* Kirby,  
*Steph.*

O. *SCOTICUS* Kirby, *Steph.* “ Found in Scotland by Mr MacLeay.”  
 Kirby in *Steph. Illust.*

*XANTHOLINUS* Dahl.  
*Erich. Steph.*

*GYROHYPNUS* Kirby, *Steph.*

*EULISSUS* Mannerheim.

X. *GLABRATUS* Grav. *Erich.* Not unfrequent.  
*Steph.*

*fulgidus* Grav.

*nitidus* Panz.

*cruentatus* Marsh. *Steph.*

*relucens* Grav. Nordm.

*merdarius* Nordm.

*cadaverinus* Lacord.

X. *PUNCTULATUS* Payk. *Erich.* Common.  
*Steph.*

*elongatus* Fourc.

*fracticornis* Müll.

var. *ochraceus* Gyll. *Steph.*

*Heer.*

*angustatus* Kirby, *Steph.*

*quadratus* Kirby, *Steph.*

X. *LINEARIS* Oliv. *Erich. Steph.* Common.

*longiceps* Grav. *Steph.*

*punctulatus* Schrank.

var. *ochraceus* Grav.

*LEPTACINUS* *Erich. Steph.*  
*Man.*

*GYROHYPNUS* *Steph. Illust.*

L. *PARUMPUNCTATUS* Gyll. *Erich.* Berwickshire; Aberdeenshire; south  
*Steph. (Xantholinus.)* of Scotland.  
*semistriatus* Kirby, *Steph.*

- L. BATYCHRUS *Knoch. Erich.* Aberdeenshire ; south of Scotland.  
*Steph.*  
*quadrisulcus Kirby,*  
*Steph.*  
*var. diaphanus Marsh.*  
*Steph.*  
*longicollis Kirby, Steph.*  
*episcopalis Lacord.*  
*apicalis Kirby ?*
- L. LINEARIS *Grav. Heer.* Berwickshire ; and elsewhere in the  
*batychrus var. Erich.* south of Scotland.  
*sulcifrons Kirby, Steph.*  
*pusillus Steph.*
- STAPHYLINUS *Lin.*  
*Erich.*  
 (CREOPHILUS *Kirby,*  
*Steph.*)
- ST. MAXILLOSUS *Lin. Erich.* Common throughout Scotland in  
*Steph.* carcasses.  
*balteatus De Geer.*
- ST. CILIARIS *Leach, Steph.* Berwickshire. Mr Hislop and Mr Hardy.  
*Erich.* Island of Mull, where it seems to  
 take the place of St. Maxillosus.  
 Mr J. T. Syme.
- (TRICHODERMA *Steph.*)
- ST. NEBULOSUS *Fab. Erich. Steph.* Scarce. Aberdeenshire ; Mussel-  
*murinus Mus. Linn. (West-* burgh ; Berwickshire.  
*wood.)*
- ST. MURINUS *Fab. Erich. Steph.* Common. Edinburgh ; Musselburgh ;  
 Sutherlandshire ; Berwickshire.
- ST. PUBESCENS *De Geer, Erich.* Scarce. Edinburgh ; Berwickshire.  
*Steph.* Commoner near Glasgow.
- (STAPHYLINUS *Steph.*)
- ST. ERYTHROPTERUS *Lin. Erich.* Not uncommon. Edinburgh ; Aber-  
*castanopterus Grav. Steph.* deenshire ; Sutherlandshire ; Lan-  
 arkshire.
- ST. CÆSARIUS *Cederheim. Erich.* Edinburgh district ; Highlands of  
*erythropterus Fab. Steph.* Perthshire. Common in Mull.



- ST. STERCORARIUS *Oliv. Erich.* Rare. Edinburgh; Berwickshire;  
*Steph.* Sutherlandshire; Arran; Inver-  
 keithing.
- ST. LATEBRICOLA *Grav. Erich.* Sutherlandshire. Berwickshire.  
*æriceps Kirby, Steph.* Mr James Wilson. Mr Hardy.
- ST. FULVIPES *Scop.* Near Paisley. Mr M. Young.  
*bicinctus Rossi.*  
*erythropus Payk.*  
*tricolor Grav.*  
*azureus Ledebour.*
- OCYPUS *Kirby, Erich.*  
 STAPHYLINUS *Steph.*  
 (GOERIUS *Leach, Steph.*)
- O. OLENS *Müll. Erich. Steph.* Common near the sea-coast.
- O. BRUNNIPES *Fab. Erich.* Raehills; Berwickshire; Glasgow.  
*Steph.*
- O. FUSCATUS *Grav. Erich.* Rare. Edinburgh; Berwickshire;  
*crassicolis Grav.* Tolcross; Kinross-shire.  
*subpunctatus Gyll.*  
*Morio Gyll. Steph.*  
*politus De Geer,*  
*Cantianus Kirby, Steph.*  
*confinis Kirby, Steph.*  
*(test. Rudd.)*  
*semipolitus Holme.*
- O. CUPREUS *Rossi. Erich.* Common.  
*æneocephalus De Geer,*  
*Steph.*  
*æneicollis Gyll. Steph.*  
*sericeus Marsh.*  
*sericeocollis Ménétries.*  
*strigatus Nordm.*  
*puberulus Runde.*  
*chalcocephalus Holme. ?*  
*picipennis Hardy.*  
 (TASGIUS *Leach.*)
- O. ATER *Grav. Erich.* Rare. Berwickshire, one specimen.  
*fuscatus Gyll. Steph.* Mr Hardy.  
*obscurus Marsh.*  
*nigripes Lacord. (Emus.)*  
*confinis Curt.*  
*Uralensis Mann. ?*  
*Kirbyi, Steph. (immature.)*

## (ANODUS Nordmann.)

## OCYPUS Steph.

O. MORIO Grav. Erich. Common.

(not Steph.)

edentulus Block.

similis Payk. Steph. (not  
Fab.)angustatus Kirby, Steph.  
Lacord.

fuscatus Lacord. (Emus.)

obscurus Runde.

picipes Steph.

## PHILONTHUS Erich.

PH. SPLENDENS Fab. Erich. Generally distributed.  
Steph.

æneus Müll.

sextus Schöff.

niger A.üll. ?

PH. INTERMEDIUS Lacord.  
Erich.Very rare—one specimen near Edin-  
burgh. Dr Greville.

chalceus Steph.

laminatus Nordm.

var. æratus Kirby, Steph.

PH. LAMINATUS Creutz. Erich. Common.  
Steph.

viridanus Nordm.

æneus Marsh. Steph.

coxatus Curt. (immature.)

PH. CARBONARIUS Gyll. Erich. Rare. Berwickshire.

Mr Hardy.

Steph.

microcephalus Steph.

nigritus Runde.

PH. ÆNEUS Rossi. Erich. Steph. Common.

rotundicollis Kirby, Steph.

politus Steph. Kirby, (Fn.  
Bor. Americ.)mandibularis Kirby, (Fn.  
Bor. Americ.)

laticeps Zetterstedt.

metallicus Lacord.

similis Marsh.

politus Mus. Lin. (West-  
wood.)

var. atratus Lacord.

- PH. SCUTATUS *Erich.* Edinburgh ; East Lothian ; Berwickshire ; Kinross-shire.  
     *cognatus Steph. Illust.*  
     *lucens Steph. Man.*  
     *rotundicollis Ménétries.*
- PH. DECORUS *Grav. Erich. Steph.* Not uncommon.
- PH. MARGINATUS *Fab. Erich.* Common.  
     *Steph.*
- PH. UMBRATILIS *Grav. Erich.* Berwickshire ; East Lothian ; Kinross-shire.  
     *Hardy.*  
     *subfuscus Gyll. Steph.*
- PH. VARIUS *Gyll. Erich. Steph.* Common.  
     *varians Grav.*  
     *carbonarius Grav. Steph.*  
     *chalconotus Marsh. Steph.*  
     *pilipes Kirby, Steph.*
- PH. ALBIPES *Erich. Hardy.* Rare. Penmanshiel ; Prestonpans ; south of Scotland.  
     *nitens Steph. ?*  
     *caliginosus Steph. (Quedius.)*
- PH. XANTHOLOMA *Grav. Erich.* Beneath sea-weed—abundant.  
     *Steph.*  
     *lateralis Kirby, Steph.*  
     *(Cafius.)*  
     *littoralis Steph. (Cafius.)*  
     *tessellatus Steph. (Cafius.)*
- PH. FUCICOLA *Leach, Erich.* Sea-shore, Dalmeny. Rev. W. Little.  
     *Curt. Steph.*
- PH. CEPHALOTES *Grav. Erich.* Rare. Edinburgh ; Aberdeenshire ; Berwickshire.  
     *Steph. (Bisnius.)*  
     *rotundiceps Kirby, Steph.*  
     *(Bisnius.)*
- PH. FIMETARIUS *Grav. Erich.* Common.  
     *Steph.*  
     *rigidicornis Grav.*  
     *lucidus Steph.*
- PH. SORDIDUS *Grav. Erich.* Not common. Berwickshire ; East Lothian ; Edinburgh.  
     *Steph.*  
     *pachycephalus Nordm.*
- PH. FUMIGATUS *Erich.* Raehills. Rev. W. Little.  
     *atratus var. intermedius*  
     *Grav.*  
     *obscurus Steph. ?*

- PH. SANGUINOLENTUS *Grav.* Rare. Penmanshiel. Mr Hardy.  
*Erich. Steph.*  
*contaminatus Grav.*
- PH. BIPUSTULATUS *Panz. Erich.* Edinburgh. Rev. W. Little.  
*Steph.*
- PH. VARIANS *Payk. Erich.* Common.  
*opacus Grav.*  
*bipustulatus* var. 1, 2, 4-7.  
*Grav.*  
*bimaculatus Marsh.*  
*lituratus Kirby, Steph.*  
*aciculatus Steph.*  
*bipustulatus* var. b. *Grav.*  
 var. a.  
*varians Fab.*  
*opacus Grav.*  
*aterrimus Marsh. Steph.*  
 var. b.  
*punctiventris Kirby,*  
*Steph.*  
*opacus Steph.*  
 var. c.  
*obscuripennis Kirby,*  
*Steph.*  
*longicornis Kirby, Steph.*  
*scybalarius Nordm.*  
*fuscicornis Nordm.*  
 var. d.  
*intaminatus Kirby, Steph.*  
 var. c.  
*agilis Grav. Steph.*  
*parvicornis Grav.*  
*discoidens Lacord.*  
*suaveolens Kirby, Steph.?*  
*(Gabrius.)*
- PH. DEBILIS *Grav. Erich.* Rare. Penmanshiel. Mr Hardy.  
*lucidus Grav.*  
*fimetarius* var. *Grav.*  
*fuscicornis Kirby, Steph.*  
*(Bisnius.)*  
*agilis Lacord.*
- PH. VENTRALIS *Grav. Erich.* Berwickshire; Aberdeenshire; Kinross-shire.  
*Steph.*  
*immundus Grav.*  
*anthrax Grav.*

- PH. DISCOIDEUS *Grav. Erich.* Edinburgh; Berwickshire; Kinross-shire; Aberdeenshire; South of Scotland.  
*Steph. (Quedius.)*  
*conformis Lacord.*  
*suturalis Steph. (Quedius.)*  
*testaceus Grav.?*
- PH. FULVIFES *Fab. Erich.* Berwickshire, and south of Scotland.  
*mendax Runde.*  
*flavopterus var. a. Fourc.?*  
*rubripennis Kirby, Steph.*  
*corruscus Steph.* *Ent. Edin.*
- PH. ATERRIMUS *Grav. Erich.* Not scarce.  
*Steph. (Gabrius.)*  
*nigritulus Grav.*  
*pumilus Mannerh.*  
*pallipes Kirby, Steph.*  
*trossulus Nordm.*
- PH. PARUMPUNCTATUS *Erich.* Not frequent. Berwickshire; Edinburgh; Hamilton; Kinross-shire.  
*punctus Gyll.*  
*minax Kirby, Steph.*  
*Watsoni Kirby, Steph.*  
*impressicollis Steph.*  
*puncticollis Howitt, Steph.*  
*(Bisnius.)*
- PH. PROCERULEUS *Grav. Erich.* Rare. Near Cockburnspath, Berwickshire. Mr Hardy.  
*Steph. (Xantholinus.)*  
*planatus Grav.*
- PH. ELONGATULUS *Erich.* Rare. South of Scotland; Kinross-shire. A. Murray.  
*semipunctatus Kirby, Steph.?*  
*(Gabrius.)*

QUEDIUS *Leach, Steph. Erich.*

MICROSAURUS *Dej. Steph.*

RAPHIRUS *Leach, Steph.*

PHILONTHUS *Heer.*

- Q. LATERALIS *Grav. Erich.* Edinburgh district; Berwickshire; Glasgow; Kinross-shire.  
*Steph.*

- Q. FULGIDUS *Fab. Erich.* Not common. Edinburgh; Glasgow;  
 var. a. *Elytris rufis.* Kinross-shire, &c.  
*fulgidus Fab. Heer.*  
*fuscipennis Block.*  
*rufitarsis Marsh. Steph.*  
*distinctus Runde.*  
*hæmopterus Kirby,*  
*Steph.*  
*hæmorrhous Kirby,*  
*Steph.*  
*humeralis Kirby, Steph.*  
*iracundus Say.*  
*floralis Lacord.*  
*assimilis Nordm.*
- var. b. *Elytris concoloribus.*  
*nitidus Grav. Steph.*  
*variabilis Gyll. Steph.*  
*mesomelinus Marsh.*  
*Grönlandicus Zetter-*  
*stedt.*  
*occultus Lacord.*
- Q. IMPRESSUS *Payk. Erich.* Not uncommon.  
*Steph.*  
*cinctus Payk.*  
*marginellus Marsh.*  
*nitidus var. 6, Grav.*
- Q. MOLOCHINUS *Grav. Erich.* Generally distributed.  
*laticollis Lacord.*  
*picipennis Payk. Steph.*  
*Lapponicus Zetterstedt.*  
*lævicollis Runde.*  
*denudatus Kirby, Steph.*
- Q. FRONTALIS *Nordmann, Erich.* Common everywhere.  
*tristis Steph.*
- Q. LAEVIGATUS *Gyll.?* Inverary. Mr Hislop.
- Q. FULIGINOSUS *Grav. Erich.* Common.  
*tristis Grav.*  
*dilatatus Marsh.*  
*picicornis Kirby, Steph.*  
*gracilis Kirby, Steph.*
- Q. PICIPES *Mannerh. Erich.* Edinburgh district; Berwickshire;  
*Steph.* Glasgow.  
*pyrrhopus Kirby, Steph.*  
*varicolor Nordm.*

- Q. RUFICOLLIS *Steph.* Edinburgh; Berwickshire; Aberdeenshire; Glasgow.
- Q. PELTATUS *Erich.*  
*præcox* *Erich.* (*Käf. Brand.*)  
*attenuatus* *Steph.* Near Edinburgh. East Lothian; Kinross-shire, &c.
- Q. SEMIOBSCURUS *Marsh.*  
*Steph.*  
*mauro-rufus* *Gyll.*  
*umbrinus* *Erich.* Edinburgh; Berwickshire; East Lothian; Glasgow.
- Q. MAURORUFUS *Grav. Erich.* Rather rare. Berwickshire. Mr. Hardy.  
*Steph.*  
*attenuatus* *Grav.*  
*præcox* *Gyll. Steph.*
- Q. PICIPENNIS *Steph.* Rare. Edinburgh district; Penmanshiel.  
*semiobscurus* *Erich.* (not *Marsh.*)
- Q. ATTENUATUS *Gyll. Erich.* Generally distributed.  
*nitipennis* *Leach, Steph.*  
*scintillans* *Lacord.*  
*var. rufipennis* *Kirby, Steph.*
- Q. BOOPS *Grav. Erich. Steph.* Not uncommon.
- Q. FUSCIPES *Kirby, Steph.* Rare. Near Edinburgh. Mr R. F. Logan.
- Q. AURICOMUS *Kiesenwetter.* Rare. Berwickshire; near Hamilton.  
 (Stett. Ent. Zeit. 1850.)  
*scintillans* *Hardy.* (Ber. Club Trans.)
- Q. SCINTILLANS *Grav. Erich. ??* Berwick. Mr Hislop.

CRYPTOBIUM *Mannerh. Erich. Steph.*

- C. FRACTICORNE *Mannerh. Erich. Steph.* Rare. Lurgie loch, near Hume Castle; Torwood, Stirlingshire.  
 Mr Hislop.

LATHROBIUM *Grav. Erich. Steph.*

- L. BRUNNIPES *Grav. Erich. Steph.* Common.  
*dentatus* *Marsh.*

- L. ELONGATUM *Lin. Erich.* Common.  
*Steph.*  
*atriceps Kirby, Steph.*  
*(immature.)*
- L. FULVIPENNE *Grav. Erich.* Common.  
*Steph.*  
*elongatum Lacord.*
- L. MULTIPUNCTUM *Grav. Erich.* Rare. Berwickshire; Mull.  
*Steph.*  
*lineare Grav.*  
*testaceus Oliv. (Pæderus.)*  
*punctatostriatum Kirby,*  
*Steph.*
- L. QUADRATUM *Payk. Erich.* Cramond; Raehills; Berwickshire;  
*Steph.* Kinross-shire.  
*filiformis Payk. (Pæderus.)*  
*pilosum Grav.*  
*var. terminatum Grav. Curt.*
- L. FILIFORME *Grav. Erich.* Dalkeith; Duddingston; Cramond.  
*Steph.* *Ent. Edin.*  
*lineare Gyll. Steph.*
- L. LONGULUM *Grav. Erich.* Very rare. Sea-coast of Berwick-  
*Steph.* shire; Mull.  
*minutum Sahlb.*
- LITHOCHARIS *Dej. Erich.*  
*MEDON Steph.*  
*SUNIUS Steph.*  
*PÆDERUS Grav.*
- L. MELANOCEPHALA *Fab. Erich.* Near Dumfries and Raehills.  
*Steph.* *Rev. W. Little.*  
*tricolor Marsh.*  
*bicolor Oliv.*  
*ruficorne Latr. (Lathro-*  
*bium.)*
- L. OCHRACEA *Grav. Erich.* Berwickshire; Mid-Lothian; Aber-  
*Steph.* deenshire.  
*rubricollis Grav. Steph.*  
*testacea Lacord. ?*



STILICUS *Latr. Erich.*RUGILUS *Leach.*

- S. AFFINIS *Erich. Hardy.* Berwickshire ; Dalmeny Park.  
 S. PUNCTIPENNIS *Kirby, Steph.* Moffat. Rev. W. Little.  
 S. ORBICULATUS *Payk. Steph.* Edinburgh ; Cramond ; Berwicksh.  
*Erich.*

SUNIUS *Leach, Erich.*  
(not *Steph.*)ASTENUS *Dej. Steph.*

- S. ANGUSTATUS *Fab. Erich.* Rare. Edinburgh district ; Dum-  
*Steph.* friesshire ; Berwickshire ; East  
*gracilis Payk.* Lothian ; Kinross-shire.  
 S. BRUNNEUS *Kirby, Steph.* Kinross-shire. A. Murray.

PÆDERUS *Fab.*

- P. LITTORALIS *Grav. Steph.* Rare. Near Edinburgh. *Ent. Edin.*

DIANÖUS *Leach, Steph.*  
*Erich.*

- D. CÆRULESCENS *Gyll. Erich.* Not common. Near Edinburgh ;  
*Steph.* near Glasgow. Berwickshire ; East  
*biguttatus Ljungh. (Stenus.)* Lothian ; Dumfriesshire, &c.  
*rugulosus Steph.*

STENUS *Lat.*

- ST. BIGUTTATUS *Lin. Erich.* South of Scotland.  
*Steph.*  
*bipustulatus Ljungh.*  
 ST. GUTTULA *Müller, Erich.* Banks of streams. Near Edinburgh ;  
*Steph.* Berwickshire ; south of Scotland.  
*Kirbyi Leach, Gyll. Curtis.*  
*biguttatus, var. Grav.*  
 ST. BIMACULATUS *Gyll. Erich.* Berwickshire ; south of Scotland.  
*Steph.*  
*Juno Grav. Lacord.*  
*biguttatus Marsh. (Steph.)*  
 ST. JUNO *Fab. Erich. Steph.* Wet places—common. Edinburgh ;  
*clavicornis Fab.* Berwickshire, &c.  
*bupthalmus Latr.*  
*Boops Grav.*

- ST. BUPHTHALMUS *Grav. Erich.* Near Edinburgh. Kinross-shire ;  
*Steph.* Berwickshire ; south of Scotland.  
*Boops Ljungh.*  
*clavicornis Panz.*  
*canaliculatus Lacord.*  
*palposus Zetterst.?*
- ST. PUSILLUS *Kirby, Steph.* Common. Edinburgh ; Berwickshire ;  
*exiguus Erich.* Stirlingshire, &c.
- ST. NANUS *Steph.* Common. Edinburgh ; Kinross-shire ;  
*pusillus Erich.* Berwickshire ; Aberdeenshire ;  
 south of Scotland.
- ST. BOOPS *Gyll. Steph. Heer.* Common. Edinburgh ; Berwick-  
*clavicornis Scop. Steph.* shire, &c.  
*buphtthalmus Schrank.*  
*Cicindeloides Ljungh.*  
*nigricornis Kirby, Steph.*  
*speculator Lacord. Erich.*
- ST. NIGRITULUS *Gyll. Erich.* South of Scotland. Rev. W. Little.  
*unicolor Kirby, Steph.*
- ST. BINOTATUS *Ljungh. Gyll.* Borders of ponds. Edinburgh ; Swin-  
*Erich.* ton, Berwickshire ; south of Scot-  
*lævior Kirby, Steph.* land.
- ST. PUBESCENS *Kirby, Steph.* Borders of ponds ; Edinburgh. near  
*subimpressus Erich.* Swinton ; south of Scotland.
- ST. PALLITARSIS *Kirby, Steph.* Edinburgh district ; Kinross-shire.  
*binotatus, var. b. Gyll.*  
*plantaris Erich.*
- ST. NITIDUS *Kirby, Steph.* Near Swinton, Berwickshire.  
*phæopus Kirby, Steph.?* Mr Hardy.  
*plancus Erich.*
- ST. PICIPES *Kirby, Steph.* Near Edinburgh. Berwickshire ;  
*rusticus Erich.* Aberdeenshire ; Kinross-shire.  
*obliquus Heer.*
- ST. NITIDIUSCULUS *Kirby,* Sides of streams and wet marshes.  
*Steph.* Berwickshire ; Aberdeenshire ; near  
*tempestivus Erich.* Edinburgh ; Kinross-shire, &c.
- ST. IMPRESSUS *Germ. Erich.* Common. Edinburgh ; Aberdeen-  
*proboscideus Germ.* shire ; Berwickshire ; Kinross-shire,  
*Aceris Kirby, Steph.* &c.

- ST. PROBOSCIDEUS *Gyll. Heer.* Marshes. Edinburgh; Berwickshire; south of Scotland.  
*canaliculatus Kirby, Steph.*  
*palustris Erich.*
- ST. PALLIPES *Grav. Erich.* Moffat; Nenthorn and Mellerstain.  
*immunis Marsh. Steph.*
- ST. FLAVIPES *Kirby, Steph.* Penmanshiel and Nenthorn; near  
*filum Erich.* Edinburgh.
- ST. TARSALIS *Ljungh. Erich.* Rare. Raehills; Blackburn Rigg  
*Steph.* wood, Berwickshire.  
*buphthalmus Ljungh.*  
*clavicornis Grav.*  
*riparius Runde.*  
*nigriclavus Kirby, Steph.*  
*rufitarsis Kirby, Steph.*  
*flavitaris Wilkin. Steph.*
- ST. OCULATUS *Gyll. Erich. Steph.* Common.  
*similis Herbst.*  
*clavicornis Marsh.*
- ST. CICINDELOIDES *Grav.* Rare. Near Ormiston. Dr J. Howden.  
*Erich. Steph.*  
*buphthalmus Rossi.*  
*clavicornis Rossi.*  
*biguttatus, var. Oliv.*  
*(Pæderus.)*  
*similis, var. β. Ljungh.*
- ST. FULVICORNIS *Kirby, Steph.* In moss. Penmanshiel. Mr Hardy.  
*paganus Erich.*
- ST. BRUNNIPES *Kirby,* Common.  
*latifrons Erich.*
- BLEDIUS *Leach.*  
 HESPEROPHILUS *Steph.*
- B. FRACTICORNIS *Payk. Erich.*  
*Steph.*  
*Gallicus Grav.*  
*pallipes Lacord.*  
 var. *Elytris rufis.* Near Swinton hill, Berwickshire.  
*tricornis var. minor Grav.* Mr Hardy.
- B. OPACUS *Block. Erich.* Rare. Sea-coast near Cockburns-  
*castaneipennis Mannerh.* path. Mr Hardy.  
*hemopterus Kirby, Steph.*

B. SUBTERRANEUS *Merkel*,  
*Erich. Hardy.*

Banks of streams. Clyde; Berwickshire; Inveresk; south of Scotland.

PLATYSTETHUS *Mannerheim.*

P. MORSITANS *Payk. Erich.* Common.  
*Steph.*  
*trilobus Oliv. Steph.*  
*pallidipennis Panz. Heer.*  
*arenarius Fourc.*  
*striolatus Lacord.*  
*mordax Sahlb.*  
*sulcatus Marsh. Steph.*  
*brunnipennis Steph.*

OXYTELUS *Grav.*

O. RUGOSUS *Fab. Erich. Steph.* Common.  
*carinatus Panz. Steph.*  
*piceus Oliv.*  
*striatus Ström.*  
*sulcatus Fourc.*  
var. *pulcher Grav. Steph.*  
*terrestris Lacord.*  
*laqueatus Marsh.*

O. SCULPTUS *Grav. Erich.*  
*longicornis Mannerheim.*  
*antennatus Kirby, Steph.*

Edinburgh; Kinross-shire; Berwickshire; south of Scotland.

O. SCULPTURATUS *Grav. Erich.* Common.  
*Steph.*  
*flavipes Lacord.*

O. NITENS *Marsh. Steph.*  
*luteipennis Erich.*

Edinburgh; Berwickshire; Dunbar; south of Scotland.

O. FLAVIPES *Steph.*

Sea-coast near Cockburnspath.  
Mr Hardy.

O. NITIDULUS *Grav. Erich.*  
*Steph.*  
*piceus Schrank.*  
*piceus* var. *pygmaeus Payk.*  
*rugulosus Say.*  
*ruficrus Kirby, Steph.*

Edinburgh; Berwickshire; Whittingham; south of Scotland; Aberdeenshire; Kinross-shire.

- O. PALLIPES Kirby, Steph. Edinburgh; Dunbar; south of Scotland.  
 depressus Gyll.  
 complanatus Erich.
- O. DEPRESSUS Grav. Erich. Steph. Common.  
 pusillus Mannerh. Steph.  
 tetracaratus Block.

## TROGOPHLEUS Mannerh.

OXYTELUS Gyll.  
 CARPALIMUS Steph.  
 TÆNODOMA Mannerh.  
 TRENOSOMA Steph.

- T. SCROBICULATUS Erich. Stichell Linn. Mr Hislop.
- T. BILINEATUS Kirby, Steph. Edinburgh; Berwickshire; Aberdeenshire; south of Scotland.  
 Erich.  
 corticinus Gyll.  
 var. inquilinus Erich.
- T. FULIGINOSUS Grav. Erich. Penmanshiel. Mr Hardy.  
 Steph.
- T. PUSILLUS Grav. (Aleochara) Erich. Steph. Berwickshire; Aberdeenshire.  
 fuliginosus Gyll.  
 corticinus Lacord.  
 picipennis Kirby, Steph.

## THINOBIUS Kiesenwetter.

- TH. LONGIPENNIS Heer. (Homalota.) Among gravel, side of the Peaseburn, Berwickshire. Mr Hardy.  
 ciliatus Kies.

## COPROPHILUS Latreille.

OMALIUM Grav.  
 ELONIUM Leach.  
 ANTHOBIUM Lacord.

- C. STRIATULUS Fab. Erich. Scarce. Edinburgh; Aberdeenshire; Berwickshire, &c.  
 Steph.  
 rugosus Oliv.  
 laesus Germ. (Oxytelus.)

DELEASTER *Erich.*

- D. DICHROUS *Grav. Erich.* Raehills, and Braid burn, near Edinburgh.  
*Steph.* Rev. W. Little.  
*Brassicæ Schrank. ? (Staphylinus.)*  
*Leachii Curtis, (Lesteva.)*

MICRALYMMMA *Westwood.*OMALIUM *Gyll.*

- M. BREVIPENNE *Gyll. Erich.* Between layers of shale rocks between tide-marks; Dalmeny; South Queensferry; Prestonpans; Dunbar; Berwickshire.  
*Johnstonis Westw. Steph.*

SYNTOMIUM *Curtis.*

- S. ÆNEUM *Müller, Gyll. Erich.* In moss. Edinburgh; Dalmeny;  
*nigroæneum Curt. Steph.* Raehills; Jedburgh; Berwickshire.

ANTHOPHAGUS *Grav.**Erich.*LESTEVA *Latreille, Steph.*

- A. ALPINUS *Fab. Erich. Steph.* Dumfriesshire. Rev. W. Little.  
*mandibularis Gyll.*  
*Lapponicus Mannerh.*  
*flavipennis Lacord.*  
*maxillosus Zetterstedt.*  
A. CARABOIDES *Lin. Erich.* Dalmeny; Berwickshire; Aberdeenshire, &c.  
*Steph.*  
*testaceus Lacord.*  
A. TESTACEUS *Grav. Erich.* Near Jedburgh. Rev. W. Little.  
*Steph.*  
*Caraboides var. c. Gyll.*

GEODROMUS *Heer.*ANTHOPHAGUS *Grav. Erich.*LESTEVA *Steph.*

- G. PLAGIATUS *Fab. Heer. Erich.* Perthshire; Berwickshire.  
*Steph.*  
*suturalis Lacord.*  
*longipes Mannerh. ?*  
*Hookeri Kirby, Steph.*  
var. *Elytris nigris concoloribus.*  
*nigrita Müller.*  
*globulicollis Munn. Steph.*

- G. CANALICULATUS Kirby,      Near Edinburgh ; Raehills, &c.  
     *Steph.*  
     Kunzei Heer.

LESTEVA Lat.

- L. BICOLOR Fab. Erich.      Common, by borders of streams.  
     punctulata Lat.  
     obscura Payk. Steph.  
     intermedia Grav.  
     dimidiatus Panz. (*Carabus*.)  
     Staphylinoides Marsh.  
     (*Carabus*.)

- L. IMPRESSA Kirby, Steph.      Swamps. Berwickshire ; Edinburgh ;  
     punctata Erich.      Aberdeenshire ; Kinross-shire.  
     villosus Walll. (*Anthophagus*.)

ARPEDIUM Erich.

    OMALIUM Grav. Steph.

- A. BRACHYPTERUM Grav.      Near Edinburgh ; Dumfriesshire.  
     *Erich. Hardy.*  
     impressum Zetterstedt.  
     Gyllenhalii Sahlberg.

- A. SUBPUBESCENS Kirby,      In the blooms of broom and furze,  
     *Steph.*      Berwickshire.  
     humile Erich.  
     myops Haliday.

ACIDOTA Leach.

- A. CRENATA Fab. Erich. Steph. Rare. Dalmeny ; Caithness ; the  
     castaneum Grav.      Grampians ; Milnegraden, Ber-  
     rufa Grav. Mann.      wickshire ; Minto, &c.

- A. CRUENTATA Mann. Erich.      Among decaying fir-leaves, Penman-  
     rufa Gyll. Steph.      shiel wood ; Raehills.

OLOPHRUM Erich.

    ANTHOBIUM Steph.

- O. PICEUM Gyll. Erich. Steph.      Marshes. Raehills ; Dalmeny ; Ber-  
     Blattoides Ahrens.      wickshire ; Aberdeenshire.

- O. CONSIMILE Gyll. Erich.      South of Scotland.      Rev. W. Little.  
     *Steph.*  
     boralis ♀ Payk.

LATHRIMÆUM *Erich.*

- L. ATROCEPHALUM *Gyll. Erich.* Berwickshire ; Presmennan ; Edinburgh ; Minto ; Aberdeenshire, &c.  
*Steph.*  
 melanocephalum *Runde.*  
*Marsh. Steph.*  
 longipenne *Kirby, Steph. ?*  
 unicolor *Marsh. Steph. ?*

DELIPHURUM *Erich.*

- D. TECTUM *Payk. Erich. Steph.* Edinburgh ; Berwickshire ; south of laeve *Grav. (Omalium)* (not Scotland.  
*Steph.*)

OMALIUM *Grav.*

- O. RIVULARE *Payk. Erich.* Common.  
*Steph.*  
 incisum *Grav.*  
 cursor *Müller.*  
 Oxyacanthæ *Lacord.*  
 fuscum *Steph.*
- O. LÆVIUSCULUM *Gyll.* Beneath sea-weed. Berwickshire ;  
 laeve *Steph. (not Grav.)* Dunbar ; Dalmeny.
- O. OXYACANTHÆ *Grav. Erich.* Scarce. Raehills ; Dalmeny ; Berwickshire.  
*(not Steph.)*  
 piceum *Kirby, Steph.*
- O. FOSSULATUM *Erich.* Not frequent. Edinburgh ; Berwickshire ; Aberdeenshire ; Kinrossshire.  
 cæsum *Gyll. Steph. (not Grav.)*
- O. CONFORMATUM *Hardy.* Near Penmanshiel. Mr Hardy.
- O. FLORALE *Payk. Erich. Steph.* Not common. Raehills ; Pease bridge, Berwickshire ; Kinrossshire.  
 Viburni *Gyll. Steph.*  
 rufipes *Fourc.*
- O. STRIATUM *Grav. Erich.* Not common. Near Penmanshiel.  
*Steph.* Mr Hardy.  
 minutum *Oliv.*

XYLODROMUS *Heer.*

OMALIUM *Grav. Erich.*  
*Steph.*

- X. CONCINNUS *Marsh. Steph.* Edinburgh ; Berwickshire.  
*Erich. Heer.*



PHLÆONOMUS *Heer.*

OMALIUM *Grav. Erich.*  
*Steph.*

- PH. IOPTERUS *Kirby, Steph.* Beneath bark. Dalmeny Park; Pres-  
brunneum var.  $\beta$  *Payk.* mennen; Penmanshiel wood;  
lucidum *Erich. Heer.* Mellerstain; Aberdeenshire.  
var. sordidum *Kirby, Steph.*  
mesomelas *Holme. ?*

- PH. PUSILLUS *Gyll. Erich. Steph.* Under bark of Scotch pine. Ber-  
*Heer.* wickshire; near Edinburgh; Aber-  
deenshire; south of Scotland.

ANTHOBIUM *Leach.*

- A. OPHTHALMICUM *Payk. Erich.* Raehills. Rev. W. Little.  
*Steph.*  
pallidum *Grav.*

- A. SORBI *Gyll. Erich. Steph.* Frequent.  
ophthalmicum *Grav. Lacord.*  
lutea *Marsh. (Silpha.)*  
*Steph.*  
testaceum *Grav.*

- A. TORQUATUM *Marsh. Steph.* Flowers. Raehills; Edinburgh;  
testaceum *Lacord.* Berwickshire; Kinross-shire.  
mucronatum ♀ *Kirby, Steph.*  
scutellare *Erich.*  
montivagum *Chevrier, Heer.*  
nigriventre *Steph. ?*

- A. MINUTUM *Fab. Erich. Steph.* Flowers. Berwickshire.  
Ranunculi *Grav. Steph.*  
picipenne *Kirby, Steph.*

PROTEINUS *Lat.*

- P. BRACHYPTERUS *Fab. Erich.* Common. Raehills; Edinburgh;  
*Steph.* East Lothian; Berwickshire; Kin-  
ovatatum *Grav. (Omalium.)* ross-shire, &c.  
ovalis *Kirby, Steph.*

- P. ATOMARIUS *Erich.* Girrick. Mr Hislop.

MEGARTHURUS *Kirby.*

OMALIUM *Grav.*

PHLÆOBIUM *Lacordaire.*

- M. DEPRESSUS *Payk. Gyll. Erich.* Edinburgh; Berwickshire; Dunbar;  
macropterus *Grav.* Kinross-shire; Aberdeenshire.  
pusillus *Steph.*

- M. SINUATOCOLLIS *Dej.* Berwickshire; Dalmeny; Aberdeenshire.  
*Lacord. Erich.*  
*depressus Steph. ?*
- M. DENTICOLLIS *Beck. Erich.* Raehills; Aberdeenshire; Berwickshire.  
*marginatus ♀ Steph.*  
*emarginatus Kirby, Steph.*  
*marginicollis Dej.*  
*hemiptera var. a. Illig.*  
*(Silpha.)*
- M. HEMIPTERUS *Illig. Erich.* Raehills. Rev. W. Little.  
*depressum var. c. Gyll.*  
*(Omalium.)*  
*melanocephalus Oliv. (Steph.)*  
*rufescens Kirby, Steph. ♂.*  
*nitiduloides Lacord.*
- PHLÆOBIUM *Dej.*  
 MEGARTHURUS *Steph.*
- PH. CLYPEATUM *Müller, Erich.* Aberdeenshire; Berwickshire; Dalmeny Park, &c.  
*retusus Kirby, Steph.*  
*flavus Kirby, Steph.*  
*corticale Lacord.*
- MICROPEPLUS *Lin.*
- M. PORCATUS *Fab. Erich. Steph.* Common.  
*sulcata Herbst. (Nitidula.)*
- M. STAPHYLINOIDES *Marsh.* Less frequent. Edinburgh; Berwickshire; Aberdeenshire.  
*Erich. (not Gyll.)*  
*Maillei Guérin.*

# APPENDIX.

## I.

### ADDENDA.

THE occurrence of the following insects has been ascertained while the foregoing pages were going through the press :—

HELOPHORUS RUGOSUS <i>Oliv.</i>	Dumfriesshire.	Rev. W. Little.
SCAPHISOMA BOLETI <i>Panz.</i>	Dumfriesshire.	Rev. W. Little.
PTENIDIUM LAEVIGATUM <i>Gillm. Erich.</i>	Dumfriesshire.	Rev. W. Little.
PT. APICALE <i>Sturm.</i> elongatulum <i>Motsch.</i> myrmecophyla <i>Motsch.</i>	Dumfriesshire.	Rev. W. Little.
EPUREA MELINA <i>Erich.</i> depressa <i>Illig.</i>	Near Edinburgh.	A. Murray.
DENDROPHAGUS ( <i>Schön.</i> ) CRE- NATUS <i>Payk.</i>	Black forest, Rannoch.	Mr Weaver.
ONTHOPHAGUS NUCHICORNIS <i>Lin. Steph.</i>	Ayrshire.	Mr J. P. Duncan.
ELATER TRISTIS <i>Lin.</i>	Black forest, Rannoch.	Mr Weaver.
GYMNÆTRORON STELLUM <i>Schön.</i>	Near Edinburgh.	Dr Lowe.
APION BETULAE <i>Chev. Schön.</i>	Kinross-shire.	A. Murray.
A. GLAUCINUM <i>Schön.</i>	Near Edinburgh.	A. Murray.
A. PUBESCENS <i>Kirby, Steph.</i> <i>Germ.</i>	Kinross-shire.	A. Murray.
A. GYLLENHALLII <i>Kirby, Dej.</i> unicolor <i>Kirby.</i> Aethiops <i>Gyll.</i>	Near Edinburgh.	A. Murray.
A. SALICIS <i>Schön.</i>	Near Edinburgh.	Dr Lowe.

APION AFER <i>Schön.</i>	Near Edinburgh.	A. Murray.
A. AETHIOPS <i>Herbst, Sahlb.</i>	Near Edinburgh.	A. Murray.
(not <i>Gyll.</i> )		
subcæruleum <i>Steph.</i>		
marchicum <i>Gyll.</i> (not		
<i>Herbst.</i> )		
A. SEDI <i>Germ.</i> (not <i>Gyll.</i> )	Kinross-shire.	A. Murray.

## II.

## DELEND A.

HELOPHORUS GRISEUS *Brulle*, - - - p. 23, *supra*.  
intermedius *Muls.*

## III.

THE following insects, which are recorded as having been found near Edinburgh—both in Stewart's list published in the Wernerian Society's Transactions, Vol. 6, and in the *Entomologia Edinensis*—appear to have been inserted by mistake, or without due examination, and have therefore been excluded from the foregoing Catalogue, but are inserted here, till future investigations shall determine whether they are entitled to a place in a Scottish list or not.

DRYPTA EMARGINATA <i>Fab.</i>	“ Said to have been taken several years ago beneath marine rejectamenta at Leith sands on the authority of the Rev. J. Hope.” <i>Ent. Edin.</i>
CHLAENIUS VESTITUS <i>Fab.</i>	“ Banks of the Water of Leith, and margin of Lochend.” <i>Ent. Edin.</i>
ANCHOMENUS (AGONUM.) SEX- PUNCTATUS <i>Lin.</i>	“ Banks of the Water of Leith.” Sir P. Walker. <i>Ent. Edin.</i>
PÆCILUS DIMIDIATUS <i>Oliv.</i>	“ Taken near Corstorphine, and by the side of the Water of Leith to the west of Edinburgh.” <i>Ent. Edin.</i>

PELOBIUS HERMANNI <i>Fab.</i>	" Pond at Coates." Sir Patrick Walker. <i>Ent. Edin.</i>
HYPHIDRUS OVATUS <i>Lin.</i>	" Pond at Coates ; Lochend." <i>Ent. Edin.</i>
OTIORHYNCHUS LIGUSTICI <i>Lin.</i>	" Environs of Edinburgh." <i>Ent. Edin.</i>
MOLYTES CORONATUS <i>Lat.</i> Anglicanus <i>Marsh.</i>	" A few specimens taken near Edinburgh by Sir P. Walker." <i>Ent. Edin.</i>
LEMA (CRIOCERIS) ASPARAGI <i>Lin.</i>	" Taken near Edinburgh by Sir P. Walker." <i>Ent. Edin.</i>
CHRYSOMELA GOETTINGENSIS <i>Lin.</i>	" Specimens have occurred near Coates, to Sir P. Walker." <i>Ent. Edin.</i>
COCCINELLA (ANISOSTICTA <i>Chev. Muls.</i> ) 19-PUNCTATA <i>Lin.</i>	" Near Coates." <i>Ent. Edin.</i>
HELOPS CÆRULEUS <i>Lin.</i>	" Fields and woods near Edinburgh." <i>Ent. Edin.</i>

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THE END.

## ERRATA.

Page 16, 7th line from top, *for* "Sculopterus," *read* "Scutopterus."

Page 26, 3d line from bottom, *for* "Melanocephalus," *read* "Melanocephalum."



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